Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102424\
Data File : BM048219.D
Acq On : 24 Oct 2024 16:29
Operator : RC/JU
Sample : P4368-02
Misc : LOQ-SOIL-10 ng
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 24 17:17:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 23 18:21:59 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2024

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.716	152	147193	20.000	ng		0.00
21) Naphthalene-d8	10.510	136	597677	20.000	ng		0.00
39) Acenaphthene-d10	14.363	164	374215	20.000	ng		0.00
64) Phenanthrene-d10	17.104	188	752639	20.000	ng		0.00
76) Chrysene-d12	21.333	240	711579	20.000	ng		0.00
86) Perylene-d12	24.286	264	762405	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.305	112	773876	88.377	ng		0.00
7) Phenol-d6	6.899	99	1010131	88.578	ng		0.00
23) Nitrobenzene-d5	8.875	82	656183	61.990	ng		0.00
42) 2,4,6-Tribromophenol	15.857	330	396522	86.569	ng		0.00
45) 2-Fluorobiphenyl	12.980	172	1527193	62.624	ng		0.00
79) Terphenyl-d14	19.733	244	2084807	59.790	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.205	88	47133	13.149	ng		99
3) Pyridine	3.610	79	105019	11.029	ng		97
4) n-Nitrosodimethylamine	3.516	42	50129	12.400	ng	#	97
6) Aniline	7.051	93	146640	15.491	ng		97
8) 2-Chlorophenol	7.287	128	119286	12.539	ng		98
9) Benzaldehyde	6.863	77	91984m	16.417	ng		
10) Phenol	6.922	94	144433	12.589	ng		97
11) bis(2-Chloroethyl)ether	7.146	93	114508	12.530	ng		98
12) 1,3-Dichlorobenzene	7.610	146	135749	12.377	ng		98
13) 1,4-Dichlorobenzene	7.757	146	138994	12.474	ng		96
14) 1,2-Dichlorobenzene	8.069	146	133626	12.409	ng		96
15) Benzyl Alcohol	7.969	79	87049	11.965	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.240	45	177404	13.272	ng		98
17) 2-Methylphenol	8.169	107	86549	11.352	ng		97
18) Hexachloroethane	8.793	117	49007	12.000	ng		95
19) n-Nitroso-di-n-propyla...	8.528	70	86534	11.994	ng		99
20) 3+4-Methylphenols	8.498	107	117647	11.139	ng		99
22) Acetophenone	8.540	105	179504	12.306	ng	#	99
24) Nitrobenzene	8.916	77	125585	11.451	ng		98
25) Isophorone	9.445	82	232813	11.999	ng		99
26) 2-Nitrophenol	9.634	139	55075	10.876	ng		95
27) 2,4-Dimethylphenol	9.698	122	50720	8.255	ng		98
28) bis(2-Chloroethoxy)met...	9.928	93	144138	11.739	ng		99
29) 2,4-Dichlorophenol	10.175	162	101575	11.493	ng		97
30) 1,2,4-Trichlorobenzene	10.375	180	120524	11.907	ng		100
31) Naphthalene	10.557	128	369740	11.861	ng		99
32) Benzoic acid	9.804	122	76911	11.246	ng		97
33) 4-Chloroaniline	10.681	127	128986	12.758	ng		99
34) Hexachlorobutadiene	10.845	225	70889	11.300	ng		94
35) Caprolactam	11.451	113	30073	10.475	ng		96
36) 4-Chloro-3-methylphenol	11.810	107	101163	10.965	ng		96
37) 2-Methylnaphthalene	12.175	142	244594	11.744	ng		98
38) 1-Methylnaphthalene	12.398	142	230489	11.160	ng		99
40) 1,2,4,5-Tetrachloroben...	12.551	216	132276	12.367	ng		100
41) Hexachlorocyclopentadiene	12.528	237	47125	13.020	ng		96
43) 2,4,6-Trichlorophenol	12.798	196	82231	11.585	ng		97

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102424\
Data File : BM048219.D
Acq On : 24 Oct 2024 16:29
Operator : RC/JU
Sample : P4368-02
Misc : LOQ-SOIL-10 ng
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2024

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024

Quant Time: Oct 24 17:17:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 23 18:21:59 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.875	196	88293	11.155	ng	98
46) 1,1'-Biphenyl	13.192	154	332845	12.458	ng	99
47) 2-Chloronaphthalene	13.233	162	249173	11.828	ng	99
48) 2-Nitroaniline	13.445	65	62545	10.947	ng	96
49) Acenaphthylene	14.086	152	396573	12.903	ng	99
50) Dimethylphthalate	13.822	163	308118	12.061	ng	98
51) 2,6-Dinitrotoluene	13.939	165	61248	10.745	ng	93
52) Acenaphthene	14.427	154	230135	11.785	ng	99
53) 3-Nitroaniline	14.275	138	59717	11.109	ng	96
54) 2,4-Dinitrophenol	14.492	184	31611	9.490	ng	93
55) Dibenzofuran	14.763	168	378135	12.188	ng	99
56) 4-Nitrophenol	14.604	139	45187	9.419	ng	98
57) 2,4-Dinitrotoluene	14.739	165	79401	10.548	ng	99
58) Fluorene	15.410	166	297809	12.139	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.998	232	78263	11.929	ng	99
60) Diethylphthalate	15.186	149	300709	11.626	ng	99
61) 4-Chlorophenyl-phenyle...	15.410	204	148038	12.068	ng	96
62) 4-Nitroaniline	15.439	138	54048	9.715	ng	92
63) Azobenzene	15.698	77	281788	12.155	ng	100
65) 4,6-Dinitro-2-methylph...	15.504	198	52005	11.909	ng	98
66) n-Nitrosodiphenylamine	15.621	169	247308	11.970	ng	99
67) 4-Bromophenyl-phenylether	16.304	248	89924	11.784	ng	96
68) Hexachlorobenzene	16.416	284	108596	11.849	ng	99
69) Atrazine	16.574	200	83318	14.412	ng	99
70) Pentachlorophenol	16.763	266	94243	15.662	ng	97
71) Phenanthrene	17.151	178	458475	12.302	ng	99
72) Anthracene	17.239	178	428917	11.889	ng	100
73) Carbazole	17.515	167	412314	11.658	ng	99
74) Di-n-butylphthalate	18.074	149	500626	11.372	ng	100
75) Fluoranthene	19.162	202	517716	11.645	ng	99
77) Benzidine	19.362	184	105428m	12.838	ng	
78) Pyrene	19.527	202	551252	11.574	ng	99
80) Butylbenzylphthalate	20.427	149	219089	11.000	ng	97
81) Benzo(a)anthracene	21.315	228	546384	12.016	ng	100
82) 3,3'-Dichlorobenzidine	21.245	252	185855	11.933	ng	99
83) Chrysene	21.374	228	536097	12.283	ng	100
84) Bis(2-ethylhexyl)phtha...	21.239	149	337099	11.645	ng	100
85) Di-n-octyl phthalate	22.350	149	537913	10.729	ng	100
87) Indeno(1,2,3-cd)pyrene	27.603	276	644296	12.780	ng	99
88) Benzo(b)fluoranthene	23.350	252	540071	12.355	ng	100
89) Benzo(k)fluoranthene	23.415	252	563528	13.333	ng	99
90) Benzo(a)pyrene	24.144	252	493677	12.990	ng	98
91) Dibenzo(a,h)anthracene	27.656	278	530967	12.647	ng	99
92) Benzo(g,h,i)perylene	28.638	276	512134	11.913	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

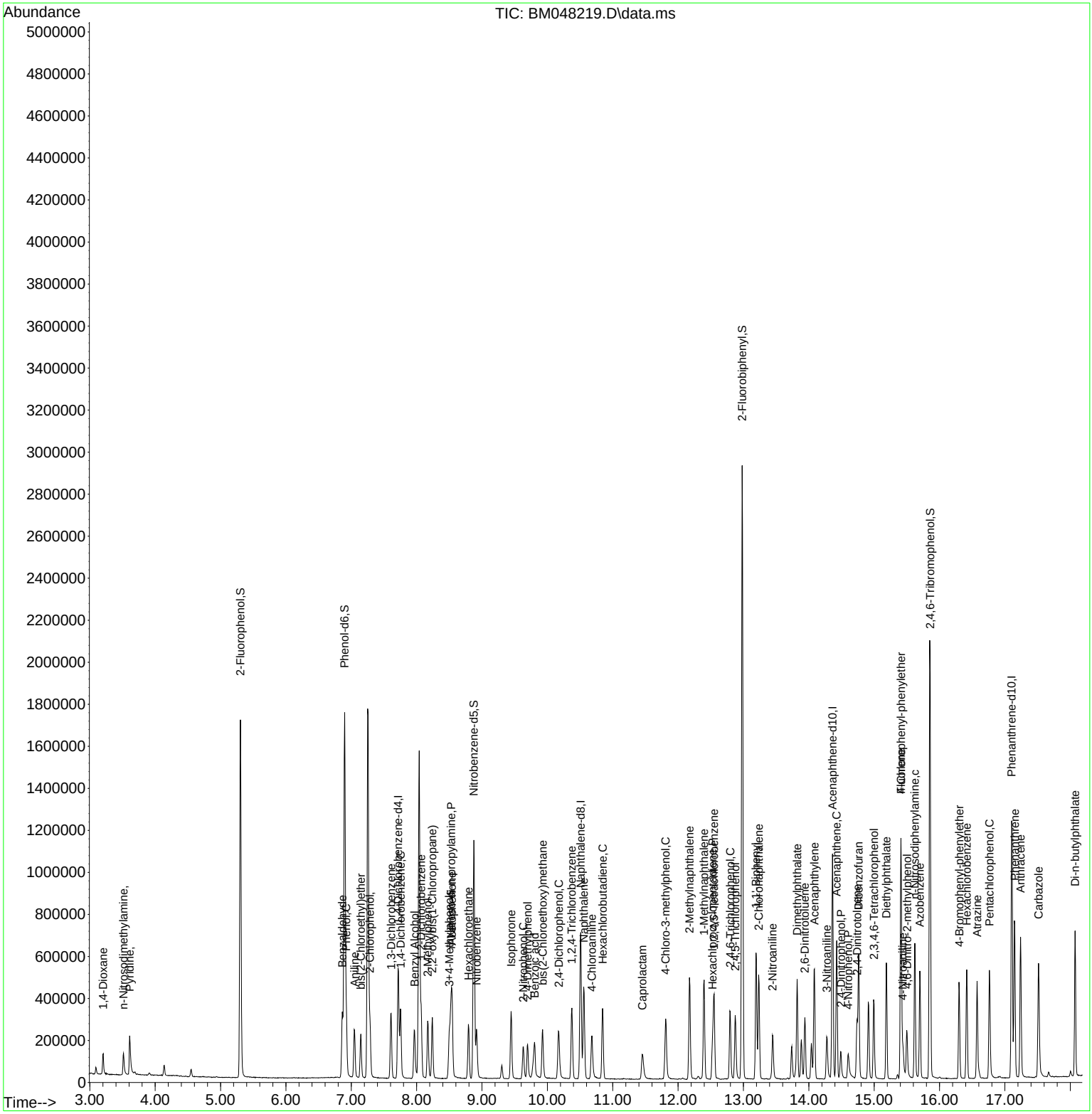
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102424\
Data File : BM048219.D
Acq On : 24 Oct 2024 16:29
Operator : RC/JU
Sample : P4368-02
Misc : LOQ-SOIL-10 ng
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 24 17:17:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 23 18:21:59 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2024

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102424\
Data File : BM048219.D
Acq On : 24 Oct 2024 16:29
Operator : RC/JU
Sample : P4368-02
Misc : LOQ-SOIL-10 ng
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 24 17:17:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 23 18:21:59 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2024

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024