Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090524\
Data File : BG062661.D
Acq On : 5 Sep 2024 11:10
Operator : MA/JU
Sample : P3390-03
Misc : MDL-SOIL-4 ng
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 05 12:56:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 31 02:36:01 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2024

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.923	152	53576	20.000	ng		0.00
21) Naphthalene-d8	10.714	136	226159	20.000	ng		0.00
39) Acenaphthene-d10	14.545	164	186253	20.000	ng		0.00
64) Phenanthrene-d10	17.288	188	514802	20.000	ng		0.00
76) Chrysene-d12	21.530	240	580074	20.000	ng		0.00
86) Perylene-d12	24.603	264	654115	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.502	112	353394	114.017	ng		0.00
7) Phenol-d6	7.089	99	502864	112.305	ng		0.00
23) Nitrobenzene-d5	9.074	82	342508	81.563	ng		0.00
42) 2,4,6-Tribromophenol	16.031	330	341122	130.141	ng		0.00
45) 2-Fluorobiphenyl	13.170	172	910935	79.221	ng		0.00
79) Terphenyl-d14	19.909	244	2036152	69.601	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.411	88	5657	4.381	ng		98
3) Pyridine	3.810	79	14096	3.789	ng	#	88
4) n-Nitrosodimethylamine	3.716	42	7312	4.043	ng	#	82
6) Aniline	7.247	93	17828	4.262	ng		92
8) 2-Chlorophenol	7.488	128	12986	3.902	ng		82
9) Benzaldehyde	7.065	77	13436	5.159	ng		92
10) Phenol	7.112	94	16783	3.702	ng		84
11) bis(2-Chloroethyl)ether	7.341	93	13651	3.933	ng		92
12) 1,3-Dichlorobenzene	7.811	146	13589	3.721	ng		89
13) 1,4-Dichlorobenzene	7.958	146	14868	3.956	ng		96
14) 1,2-Dichlorobenzene	8.275	146	13608	3.684	ng		94
15) Benzyl Alcohol	8.158	79	11211	3.384	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.440	45	23879	3.610	ng		99
17) 2-Methylphenol	8.364	107	9907	3.135	ng		91
18) Hexachloroethane	9.004	117	4987	3.539	ng	#	75
19) n-Nitroso-di-n-propyla...	8.716	70	10738	3.043	ng	#	95
20) 3+4-Methylphenols	8.687	107	14036	3.011	ng		97
22) Acetophenone	8.740	105	23015	3.772	ng	#	97
24) Nitrobenzene	9.116	77	17512	3.922	ng		97
25) Isophorone	9.639	82	31177	3.382	ng		96
26) 2-Nitrophenol	9.827	139	5750	3.408	ng		91
27) 2,4-Dimethylphenol	9.885	122	7770	3.143	ng		98
28) bis(2-Chloroethoxy)met...	10.120	93	17071	3.459	ng		99
29) 2,4-Dichlorophenol	10.361	162	12147	3.515	ng		91
30) 1,2,4-Trichlorobenzene	10.579	180	16774	4.094	ng		99
31) Naphthalene	10.761	128	44075	3.932	ng		97
33) 4-Chloroaniline	10.872	127	16812	3.811	ng		99
34) Hexachlorobutadiene	11.055	225	10900	3.809	ng		94
35) Caprolactam	11.601	113	4596	3.449	ng	#	88
36) 4-Chloro-3-methylphenol	11.989	107	12872	3.088	ng		98
37) 2-Methylnaphthalene	12.371	142	31458	3.618	ng		95
38) 1-Methylnaphthalene	12.594	142	30581	3.503	ng	#	97
40) 1,2,4,5-Tetrachloroben...	12.741	216	21741	3.881	ng		98
41) Hexachlorocyclopentadiene	12.723	237	5189	3.247	ng		96
43) 2,4,6-Trichlorophenol	12.976	196	11859m	3.340	ng		
44) 2,4,5-Trichlorophenol	13.052	196	13872	3.450	ng		97

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090524\
Data File : BG062661.D
Acq On : 5 Sep 2024 11:10
Operator : MA/JU
Sample : P3390-03
Misc : MDL-SOIL-4 ng
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 05 12:56:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 31 02:36:01 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2024

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.375	154	50457	4.061	ng		93
47) 2-Chloronaphthalene	13.422	162	37703	3.744	ng		94
48) 2-Nitroaniline	13.622	65	9121	3.444	ng		96
49) Acenaphthylene	14.268	152	59811	4.011	ng		98
50) Dimethylphthalate	13.992	163	51584	3.788	ng	#	99
51) 2,6-Dinitrotoluene	14.116	165	8660	3.362	ng		92
52) Acenaphthene	14.609	154	35132	3.768	ng		99
53) 3-Nitroaniline	14.445	138	8268	3.317	ng		96
55) Dibenzofuran	14.944	168	63050	3.944	ng		99
56) 4-Nitrophenol	14.756	139	6357	3.009	ng		95
57) 2,4-Dinitrotoluene	14.897	165	11919	3.391	ng	#	93
58) Fluorene	15.590	166	48014	3.827	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.167	232	13960	3.665	ng	#	98
60) Diethylphthalate	15.361	149	49686	3.681	ng		98
61) 4-Chlorophenyl-phenyle...	15.585	204	26927	3.738	ng	#	93
62) 4-Nitroaniline	15.602	138	9494	3.454	ng		94
63) Azobenzene	15.878	77	46277	3.651	ng		97
65) 4,6-Dinitro-2-methylph...	15.667	198	5455	2.374	ng		84
66) n-Nitrosodiphenylamine	15.796	169	46012	3.718	ng		97
67) 4-Bromophenyl-phenylether	16.478	248	20125	3.788	ng		92
68) Hexachlorobenzene	16.595	284	24232	3.851	ng		91
69) Atrazine	16.742	200	19847	4.721	ng		98
70) Pentachlorophenol	16.948	266	8543m	2.120	ng		
71) Phenanthrene	17.330	178	95509	3.975	ng		98
72) Anthracene	17.424	178	91974	3.893	ng		98
73) Carbazole	17.688	167	79457	3.658	ng		98
74) Di-n-butylphthalate	18.252	149	85251	3.481	ng		98
75) Fluoranthene	19.339	202	121235	3.989	ng		99
77) Benzidine	19.521	184	42411	4.056	ng		95
78) Pyrene	19.703	202	131356	3.562	ng		99
80) Butylbenzylphthalate	20.596	149	33235	3.069	ng		97
81) Benzo(a)anthracene	21.513	228	140677	3.845	ng		98
82) 3,3'-Dichlorobenzidine	21.431	252	44079	3.698	ng	#	91
83) Chrysene	21.577	228	138951	3.965	ng		97
84) Bis(2-ethylhexyl)phtha...	21.436	149	51223	3.113	ng	#	94
85) Di-n-octyl phthalate	22.594	149	83194	2.888	ng		98
87) Indeno(1,2,3-cd)pyrene	28.052	276	160105	3.817	ng	#	87
88) Benzo(b)fluoranthene	23.628	252	127179	3.520	ng		99
89) Benzo(k)fluoranthene	23.693	252	138172	3.910	ng		98
90) Benzo(a)pyrene	24.456	252	118721	3.720	ng		99
91) Dibenzo(a,h)anthracene	28.117	278	128918	3.731	ng	#	95
92) Benzo(g,h,i)perylene	29.133	276	121969	3.501	ng	#	95

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090524\
Data File : BG062661.D
Acq On : 5 Sep 2024 11:10
Operator : MA/JU
Sample : P3390-03
Misc : MDL-SOIL-4 ng
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 05 12:56:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 31 02:36:01 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2024

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024