Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122223\
Data File : BF136691.D
Acq On : 22 Dec 2023 18:09
Operator : CG\JU
Sample : 05884-03MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 23 01:52:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-2MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

12/25/2023
Supervised By :mohammad ahmed

12/25/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.781	152	69385	20.000	ng		-0.01
21) Naphthalene-d8	8.063	136	265996	20.000	ng		0.00
39) Acenaphthene-d10	9.816	164	125211	20.000	ng		-0.01
64) Phenanthrene-d10	11.310	188	204603	20.000	ng		0.00
76) Chrysene-d12	13.963	240	124085	20.000	ng	#	0.00
86) Perylene-d12	15.433	264	145477	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	450806	101.374	ng		0.00
7) Phenol-d6	6.434	99	569160	98.775	ng		0.00
23) Nitrobenzene-d5	7.345	82	361221	69.490	ng		-0.01
42) 2,4,6-Tribromophenol	10.616	330	135614	91.964	ng		0.00
45) 2-Fluorobiphenyl	9.139	172	659401	70.831	ng		-0.01
79) Terphenyl-d14	12.904	244	525388	59.170	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.616	88	74364	40.135	ng		99
3) Pyridine	3.375	79	180438	39.913	ng		98
4) n-Nitrosodimethylamine	3.340	42	107528	44.540	ng		96
6) Aniline	6.451	93	179058	31.081	ng	#	36
8) 2-Chlorophenol	6.575	128	215967	44.379	ng		93
9) Benzaldehyde	6.334	77	58593	17.877	ng		99
10) Phenol	6.445	94	258746	42.065	ng		91
11) bis(2-Chloroethyl)ether	6.522	93	199212	42.586	ng		99
12) 1,3-Dichlorobenzene	6.722	146	220651	41.563	ng		99
13) 1,4-Dichlorobenzene	6.798	146	230162	42.431	ng		99
14) 1,2-Dichlorobenzene	6.951	146	211471	41.896	ng		98
15) Benzyl Alcohol	6.934	79	179011	46.049	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.057	45	320734	41.937	ng		82
17) 2-Methylphenol	7.045	107	167642	41.583	ng		97
18) Hexachloroethane	7.287	117	81836	41.542	ng		97
19) n-Nitroso-di-n-propyla...	7.198	70	146570	41.961	ng		100
20) 3+4-Methylphenols	7.198	107	209661	41.627	ng	#	83
22) Acetophenone	7.192	105	298565	44.781	ng	#	92
24) Nitrobenzene	7.369	77	218218	41.907	ng		94
25) Isophorone	7.604	82	400343	42.326	ng		99
26) 2-Nitrophenol	7.681	139	109596	43.991	ng		97
27) 2,4-Dimethylphenol	7.722	122	155475	51.260	ng		97
28) bis(2-Chloroethoxy)met...	7.816	93	240608	41.849	ng		99
29) 2,4-Dichlorophenol	7.928	162	169803	43.485	ng		97
30) 1,2,4-Trichlorobenzene	8.004	180	181575	41.734	ng		99
31) Naphthalene	8.087	128	607562	41.577	ng		99
32) Benzoic acid	7.851	122	90899	30.974	ng		90
33) 4-Chloroaniline	8.134	127	88331	16.371	ng		97
34) Hexachlorobutadiene	8.198	225	107357	40.614	ng		99
35) Caprolactam	8.510	113	57981m	45.010	ng		
36) 4-Chloro-3-methylphenol	8.628	107	181060	41.188	ng		96
37) 2-Methylnaphthalene	8.775	142	378041	40.198	ng		99
38) 1-Methylnaphthalene	8.875	142	367371	39.816	ng		99
40) 1,2,4,5-Tetrachloroben...	8.939	216	185112	47.737	ng		98
41) Hexachlorocyclopentadiene	8.922	237	93599	75.967	ng		100
43) 2,4,6-Trichlorophenol	9.057	196	113410	45.604	ng		97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122223\
Data File : BF136691.D
Acq On : 22 Dec 2023 18:09
Operator : CG\JU
Sample : 05884-03MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-2MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

Quant Time: Dec 23 01:52:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	121557	43.864	ng		95
46) 1,1'-Biphenyl	9.239	154	484465	46.108	ng		100
47) 2-Chloronaphthalene	9.263	162	350017	43.820	ng		99
48) 2-Nitroaniline	9.369	65	114594	45.813	ng		91
49) Acenaphthylene	9.681	152	573977	47.012	ng		100
50) Dimethylphthalate	9.545	163	399249	43.654	ng		99
51) 2,6-Dinitrotoluene	9.610	165	88896	42.828	ng		91
52) Acenaphthene	9.851	154	324401	42.864	ng		98
53) 3-Nitroaniline	9.775	138	68538	31.171	ng		99
54) 2,4-Dinitrophenol	9.886	184	47001	42.685	ng	#	85
55) Dibenzofuran	10.028	168	491515	42.844	ng		99
56) 4-Nitrophenol	9.957	139	114437	77.099	ng		99
57) 2,4-Dinitrotoluene	10.016	165	112066	41.590	ng		100
58) Fluorene	10.369	166	378697	41.602	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.145	232	92197m	43.219	ng		
60) Diethylphthalate	10.245	149	406942	42.885	ng		99
61) 4-Chlorophenyl-phenyle...	10.363	204	182884	41.334	ng		97
62) 4-Nitroaniline	10.392	138	74780m	35.280	ng		
63) Azobenzene	10.522	77	362001	40.844	ng		99
65) 4,6-Dinitro-2-methylph...	10.422	198	38108	32.499	ng		90
66) n-Nitrosodiphenylamine	10.486	169	343727	51.716	ng		97
67) 4-Bromophenyl-phenylether	10.851	248	106147	46.714	ng		96
68) Hexachlorobenzene	10.916	284	114060	45.043	ng		94
69) Atrazine	11.016	200	102254	60.151	ng		98
70) Pentachlorophenol	11.116	266	93198	78.961	ng		97
71) Phenanthrene	11.333	178	488383	46.520	ng		99
72) Anthracene	11.386	178	482005	45.335	ng		99
73) Carbazole	11.545	167	415415	41.442	ng		100
74) Di-n-butylphthalate	11.874	149	567489	46.395	ng		99
75) Fluoranthene	12.527	202	437776	38.984	ng		99
77) Benzidine	12.651	184	108567	29.673	ng		99
78) Pyrene	12.757	202	437149	35.888	ng		100
80) Butylbenzylphthalate	13.380	149	184994	41.737	ng		97
81) Benzo(a)anthracene	13.951	228	374605	43.476	ng		99
82) 3,3'-Dichlorobenzidine	13.916	252	110954	45.344	ng		98
83) Chrysene	13.986	228	364360	43.243	ng		98
84) Bis(2-ethylhexyl)phtha...	13.945	149	253573	45.470	ng		99
85) Di-n-octyl phthalate	14.563	149	447705	51.900	ng		99
87) Indeno(1,2,3-cd)pyrene	16.939	276	376567	35.851	ng		99
88) Benzo(b)fluoranthene	15.004	252	418391	43.060	ng		99
89) Benzo(k)fluoranthene	15.039	252	360133	39.225	ng		98
90) Benzo(a)pyrene	15.374	252	350712	42.760	ng		99
91) Dibenzo(a,h)anthracene	16.951	278	318005	36.904	ng		99
92) Benzo(g,h,i)perylene	17.386	276	278425	31.547	ng		98

12/25/2023
Supervised By :mohammad ahmed

12/25/2023

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122223\
Data File : BF136691.D
Acq On : 22 Dec 2023 18:09
Operator : CG\JU
Sample : 05884-03MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 23 01:52:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-2MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023