Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080221\
Data File : BG049606.D
Acq On : 2 Aug 2021 17:19
Operator : CG/JU
Sample : M2262-02
Misc : LOQ-SOIL-5ppm
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

Manual Integrations APPROVED
mohammad
8/3/2021 11:49:44 AM

Quant Time: Aug 02 17:59:15 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 14:56:43 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.049	152	24629	20.000	ng		0.00
21) Naphthalene-d8	10.869	136	100527	20.000	ng	#	0.00
39) Acenaphthene-d10	14.699	164	73371	20.000	ng		0.00
64) Phenanthrene-d10	17.448	188	162823	20.000	ng	#	0.00
76) Chrysene-d12	21.730	240	158127	20.000	ng		0.00
86) Perylene-d12	25.008	264	162101	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.593	112	175421	120.842	ng		-0.01
7) Phenol-d6	7.203	99	254764	120.504	ng		0.00
23) Nitrobenzene-d5	9.218	82	175936	78.414	ng		0.00
42) 2,4,6-Tribromophenol	16.191	330	129258	131.551	ng		0.00
45) 2-Fluorobiphenyl	13.318	172	390190	76.523	ng		0.00
79) Terphenyl-d14	20.056	244	662048	81.767	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.461	88	3375	5.132	ng	#	92
3) Pyridine	3.896	79	7000m	4.177	ng		
4) n-Nitrosodimethylamine	3.802	42	3887m	4.723	ng		
6) Aniline	7.368	93	11918	5.212	ng		97
8) 2-Chlorophenol	7.608	128	6456	4.337	ng		85
9) Benzaldehyde	7.180	77	7411	5.277	ng		99
10) Phenol	7.227	94	9824	4.878	ng		82
11) bis(2-Chloroethyl)ether	7.462	93	6616	4.796	ng		99
12) 1,3-Dichlorobenzene	7.937	146	8411	4.779	ng		96
13) 1,4-Dichlorobenzene	8.084	146	8446	4.819	ng		95
14) 1,2-Dichlorobenzene	8.407	146	8369	4.943	ng		93
15) Benzyl Alcohol	8.290	79	7766	4.494	ng		90
16) 2,2'-oxybis(1-Chloropr...	8.578	45	7928	4.920	ng		88
17) 2-Methylphenol	8.495	107	6614	4.933	ng	#	88
18) Hexachloroethane	9.142	117	3338	4.900	ng		91
19) n-Nitroso-di-n-propyla...	8.848	70	6407	4.612	ng	#	79
20) 3+4-Methylphenols	8.824	107	8684	4.726	ng		96
22) Acetophenone	8.871	105	14013	5.205	ng	#	94
24) Nitrobenzene	9.259	77	11884	5.043	ng		92
25) Isophorone	9.782	82	18594	4.677	ng	#	91
26) 2-Nitrophenol	9.982	139	4282	5.006	ng	#	79
27) 2,4-Dimethylphenol	10.029	122	7014	5.129	ng		96
28) bis(2-Chloroethoxy)met...	10.264	93	9249	5.215	ng	#	86
29) 2,4-Dichlorophenol	10.528	162	7419	4.679	ng		92
30) 1,2,4-Trichlorobenzene	10.728	180	8859	4.947	ng	#	78
31) Naphthalene	10.922	128	25213	4.756	ng	#	95
32) Benzoic acid	10.158	122	541	0.602	ng	#	58
33) 4-Chloroaniline	11.027	127	9441	4.666	ng		97
34) Hexachlorobutadiene	11.204	225	6211	4.840	ng		98
35) Caprolactam	11.785	113	2243	4.555	ng	#	87
36) 4-Chloro-3-methylphenol	12.149	107	8549	4.571	ng	#	85
37) 2-Methylnaphthalene	12.525	142	18802	4.859	ng		93
38) 1-Methylnaphthalene	12.743	142	17916	4.843	ng		99
40) 1,2,4,5-Tetrachloroben...	12.889	216	9468	4.364	ng		95
41) Hexachlorocyclopentadiene	12.872	237	3421	3.532	ng		89
43) 2,4,6-Trichlorophenol	13.136	196	5665m	4.003	ng		

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080221\
Data File : BG049606.D
Acq On : 2 Aug 2021 17:19
Operator : CG/JU
Sample : M2262-02
Misc : LOQ-SOIL-5ppm
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

Manual Integrations APPROVED
mohammad
8/3/2021 11:49:44 AM

Quant Time: Aug 02 17:59:15 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 14:56:43 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.213	196	6258	4.088	ng		91
46) 1,1'-Biphenyl	13.530	154	26152	4.862	ng		95
47) 2-Chloronaphthalene	13.571	162	19219	4.652	ng		94
48) 2-Nitroaniline	13.777	65	6537	4.547	ng		91
49) Acenaphthylene	14.423	152	30314	4.525	ng	#	89
50) Dimethylphthalate	14.141	163	25840	4.848	ng	#	99
51) 2,6-Dinitrotoluene	14.270	165	5345	4.619	ng	#	73
52) Acenaphthene	14.763	154	18046	4.463	ng		95
53) 3-Nitroaniline	14.599	138	5208	4.488	ng		94
54) 2,4-Dinitrophenol	14.816	184	1104	2.267	ng	#	72
55) Dibenzofuran	15.092	168	28192	4.345	ng		93
56) 4-Nitrophenol	14.922	139	2974m	3.249	ng		
57) 2,4-Dinitrotoluene	15.057	165	6741	4.215	ng	#	94
58) Fluorene	15.744	166	24161	4.596	ng	#	91
59) 2,3,4,6-Tetrachlorophenol	15.322	232	6460	4.616	ng		97
60) Diethylphthalate	15.504	149	25370	4.738	ng	#	92
61) 4-Chlorophenyl-phenyle...	15.739	204	12160	4.547	ng		98
62) 4-Nitroaniline	15.762	138	4786	3.919	ng		91
63) Azobenzene	16.026	77	25427	4.289	ng		85
65) 4,6-Dinitro-2-methylph...	15.833	198	2711	3.073	ng		94
66) n-Nitrosodiphenylamine	15.944	169	20327	4.346	ng		91
67) 4-Bromophenyl-phenylether	16.631	248	7632	4.138	ng	#	75
68) Hexachlorobenzene	16.755	284	9154	4.383	ng		94
69) Atrazine	16.890	200	9071	4.895	ng		95
70) Pentachlorophenol	17.101	266	3253	3.466	ng	#	72
71) Phenanthrene	17.489	178	37948	4.336	ng		93
72) Anthracene	17.583	178	40240	4.678	ng		98
73) Carbazole	17.853	167	34777	4.250	ng	#	97
74) Di-n-butylphthalate	18.400	149	41772	4.477	ng		97
75) Fluoranthene	19.498	202	48197	4.423	ng		96
77) Benzidine	19.680	184	22895	5.231	ng		97
78) Pyrene	19.862	202	46658	4.495	ng		95
80) Butylbenzylphthalate	20.738	149	16646	4.411	ng		94
81) Benzo(a)anthracene	21.707	228	45730	4.566	ng		93
82) 3,3'-Dichlorobenzidine	21.619	252	16557	5.730	ng	#	96
83) Chrysene	21.772	228	43225	4.475	ng		98
84) Bis(2-ethylhexyl)phtha...	21.607	149	25130	4.441	ng		94
85) Di-n-octyl phthalate	22.829	149	42612	4.359	ng	#	95
87) Indeno(1,2,3-cd)pyrene	28.744	276	52090	4.539	ng	#	80
88) Benzo(b)fluoranthene	23.957	252	44500	4.260	ng		98
89) Benzo(k)fluoranthene	24.027	252	44008	4.530	ng		98
90) Benzo(a)pyrene	24.844	252	44129	4.661	ng		95
91) Dibenzo(a,h)anthracene	28.809	278	43778	4.543	ng	#	93
92) Benzo(g,h,i)perylene	29.919	276	43102	4.520	ng		96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080221\
Data File : BG049606.D
Acq On : 2 Aug 2021 17:19
Operator : CG/JU
Sample : M2262-02
Misc : LOQ-SOIL-5ppm
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 02 17:59:15 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 14:56:43 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

Manual Integrations APPROVED
mohammad
8/3/2021 11:49:44 AM