Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102022\
Data File : BG055223.D
Acq On : 20 Oct 2022 17:09
Operator : CG/JU
Sample : N5183-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 20 18:25:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 20 09:21:42 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PIT-14-EXCAVATION-SOILMS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/21/2022
Supervised By :Jagrut Upadhyay 10/21/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.288	152	43544	20.000	ng		0.00
21) Naphthalene-d8	11.114	136	195988	20.000	ng		0.00
39) Acenaphthene-d10	14.898	164	125388	20.000	ng		0.00
64) Phenanthrene-d10	17.630	188	267302	20.000	ng		0.00
76) Chrysene-d12	21.913	240	230579	20.000	ng		0.00
86) Perylene-d12	25.321	264	239633	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.808	112	394561	163.024	ng		0.00
7) Phenol-d6	7.424	99	492668	133.588	ng		0.00
23) Nitrobenzene-d5	9.463	82	367661	90.566	ng		0.00
42) 2,4,6-Tribromophenol	16.378	330	190045	146.270	ng		0.00
45) 2-Fluorobiphenyl	13.529	172	721414	91.900	ng		0.00
79) Terphenyl-d14	20.209	244	1052140	85.023	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.634	88	50479	42.888	ng	#	23
3) Pyridine	4.051	79	118607	32.002	ng		98
4) n-Nitrosodimethylamine	3.952	42	76054	43.852	ng		100
6) Aniline	7.600	93	106987	22.377	ng		98
8) 2-Chlorophenol	7.847	128	149289	51.017	ng		99
9) Benzaldehyde	7.412	77	87996	34.325	ng		96
10) Phenol	7.453	94	176810	42.436	ng		99
11) bis(2-Chloroethyl)ether	7.688	93	156352	48.739	ng		98
12) 1,3-Dichlorobenzene	8.176	146	148470	46.773	ng		99
13) 1,4-Dichlorobenzene	8.323	146	150142	46.304	ng		99
14) 1,2-Dichlorobenzene	8.646	146	147759	47.825	ng		98
15) Benzyl Alcohol	8.523	79	150916m	47.648	ng		
16) 2,2'-oxybis(1-Chloropr...	8.811	45	268146	46.380	ng		98
17) 2-Methylphenol	8.722	107	137255	47.591	ng		96
18) Hexachloroethane	9.386	117	56563	48.194	ng		99
19) n-Nitroso-di-n-propyla...	9.093	70	138112	43.664	ng		98
20) 3+4-Methylphenols	9.051	107	184247	45.452	ng		99
22) Acetophenone	9.116	105	243226	45.880	ng	#	97
24) Nitrobenzene	9.504	77	190527	43.891	ng		96
25) Isophorone	10.027	82	372365	44.832	ng		99
26) 2-Nitrophenol	10.215	139	83942	49.158	ng		97
27) 2,4-Dimethylphenol	10.262	122	152127	55.943	ng		97
28) bis(2-Chloroethoxy)met...	10.503	93	217374	54.464	ng		99
29) 2,4-Dichlorophenol	10.755	162	141095	48.597	ng		99
30) 1,2,4-Trichlorobenzene	10.973	180	134392	45.210	ng		99
31) Naphthalene	11.167	128	506916	49.017	ng		99
32) Benzoic acid	10.385	122	53702	27.589	ng		97
33) 4-Chloroaniline	11.272	127	28025	6.581	ng		99
34) Hexachlorobutadiene	11.443	225	77524	43.188	ng		98
35) Caprolactam	12.030	113	43821m	34.345	ng		
36) 4-Chloro-3-methylphenol	12.365	107	168505	44.635	ng		99
37) 2-Methylnaphthalene	12.753	142	334770	42.558	ng		99
38) 1-Methylnaphthalene	12.964	142	321914	41.454	ng		100
40) 1,2,4,5-Tetrachloroben...	13.111	216	147903	50.183	ng		99
41) Hexachlorocyclopentadiene	13.088	237	142857	106.434	ng		98
43) 2,4,6-Trichlorophenol	13.341	196	106456	47.458	ng		98

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44) 2,4,5-Trichlorophenol	13.417	196	115319	46.859	ng		97
46) 1,1'-Biphenyl	13.740	154	440088	49.567	ng		99
47) 2-Chloronaphthalene	13.787	162	324970	47.542	ng		100
48) 2-Nitroaniline	13.981	65	126317	45.537	ng		98
49) Acenaphthylene	14.627	152	544938	46.602	ng		99
50) Dimethylphthalate	14.339	163	433593	43.962	ng		99
51) 2,6-Dinitrotoluene	14.463	165	91191	46.079	ng		96
52) Acenaphthene	14.962	154	374307m	50.275	ng		
53) 3-Nitroaniline	14.792	138	51918	21.061	ng		96
54) 2,4-Dinitrophenol	14.997	184	84583	84.780	ng		100
55) Dibenzofuran	15.291	168	505647	47.151	ng		99
56) 4-Nitrophenol	15.091	139	159088	91.783	ng		99
57) 2,4-Dinitrotoluene	15.244	165	129705	46.873	ng		100
58) Fluorene	15.937	166	413338	45.768	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.514	232	96071	44.828	ng		98
60) Diethylphthalate	15.691	149	452991	43.903	ng		99
61) 4-Chlorophenyl-phenyle...	15.920	204	199049	47.485	ng		99
62) 4-Nitroaniline	15.949	138	105551	42.211	ng		99
63) Azobenzene	16.214	77	482194	46.239	ng		99
65) 4,6-Dinitro-2-methylph...	16.008	198	61086	42.782	ng		94
66) n-Nitrosodiphenylamine	16.131	169	357938	47.980	ng		100
67) 4-Bromophenyl-phenylether	16.813	248	124151	47.652	ng		100
68) Hexachlorobenzene	16.936	284	135124	47.388	ng		94
69) Atrazine	17.066	200	134012	54.503	ng		98
70) Pentachlorophenol	17.277	266	150157	97.575	ng		96
71) Phenanthrene	17.677	178	652396	45.738	ng		99
72) Anthracene	17.765	178	655744	47.046	ng		99
73) Carbazole	18.029	167	626724	48.827	ng		99
74) Di-n-butylphthalate	18.564	149	815678	48.721	ng		100
75) Fluoranthene	19.663	202	731018	46.267	ng		100
77) Benzidine	19.827	184	176401	30.085	ng		99
78) Pyrene	20.021	202	729498	41.987	ng		99
80) Butylbenzylphthalate	20.885	149	356194	43.861	ng		98
81) Benzo(a)anthracene	21.895	228	670846	44.854	ng		100
82) 3,3'-Dichlorobenzidine	21.795	252	105458	20.535	ng		98
83) Chrysene	21.966	228	621116	44.594	ng		99
84) Bis(2-ethylhexyl)phtha...	21.766	149	520174	48.955	ng		99
85) Di-n-octyl phthalate	23.041	149	867926	54.786	ng		96
87) Indeno(1,2,3-cd)pyrene	29.251	276	776142	46.568	ng	#	86
88) Benzo(b)fluoranthene	24.234	252	690174	48.501	ng	#	96
89) Benzo(k)fluoranthene	24.310	252	683001	47.392	ng	#	96
90) Benzo(a)pyrene	25.168	252	609009	49.862	ng	#	95
91) Dibenzo(a,h)anthracene	29.322	278	668187	48.936	ng	#	92
92) Benzo(g,h,i)perylene	30.485	276	661199	49.987	ng	#	89

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

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