Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102422\
Data File : BG055262.D
Acq On : 24 Oct 2022 18:45
Operator : CG/JU
Sample : N5211-02MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 25 01:20:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 24 16:54:05 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SB-SOILPILE-1020MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

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10/27/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.276	152	43632	20.000	ng		0.00
21) Naphthalene-d8	11.102	136	179310	20.000	ng		0.00
39) Acenaphthene-d10	14.886	164	118005	20.000	ng		0.00
64) Phenanthrene-d10	17.618	188	261343	20.000	ng		0.00
76) Chrysene-d12	21.896	240	235948	20.000	ng		0.00
86) Perylene-d12	25.292	264	251829	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.803	112	370716	148.770	ng		0.01
7) Phenol-d6	7.419	99	470943	130.450	ng		0.00
23) Nitrobenzene-d5	9.446	82	340239	96.892	ng		0.00
42) 2,4,6-Tribromophenol	16.367	330	222026	173.077	ng		0.00
45) 2-Fluorobiphenyl	13.517	172	716255	99.346	ng		0.00
79) Terphenyl-d14	20.192	244	1220184	107.446	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.617	88	52472	43.611	ng	#	51
3) Pyridine	4.040	79	134301	37.066	ng		99
4) n-Nitrosodimethylamine	3.940	42	74064	46.009	ng		99
6) Aniline	7.589	93	173063	36.619	ng		98
8) 2-Chlorophenol	7.836	128	146430	50.545	ng		99
9) Benzaldehyde	7.401	77	75328	30.560	ng		99
10) Phenol	7.442	94	174314	43.107	ng		97
11) bis(2-Chloroethyl)ether	7.677	93	146731	48.069	ng		98
12) 1,3-Dichlorobenzene	8.165	146	151813	48.028	ng		98
13) 1,4-Dichlorobenzene	8.312	146	153072	47.411	ng		98
14) 1,2-Dichlorobenzene	8.635	146	148191	47.672	ng		97
15) Benzyl Alcohol	8.511	79	151828	50.256	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.799	45	234277	46.897	ng		99
17) 2-Methylphenol	8.711	107	135256	47.295	ng		99
18) Hexachloroethane	9.369	117	55611	48.371	ng		98
19) n-Nitroso-di-n-propyla...	9.081	70	132367	44.153	ng		99
20) 3+4-Methylphenols	9.040	107	183172	44.720	ng		99
22) Acetophenone	9.105	105	237032	51.706	ng	#	97
24) Nitrobenzene	9.493	77	182716	49.972	ng		98
25) Isophorone	10.010	82	367115	51.759	ng		98
26) 2-Nitrophenol	10.204	139	85420	53.348	ng		97
27) 2,4-Dimethylphenol	10.251	122	155333	62.141	ng		97
28) bis(2-Chloroethoxy)met...	10.486	93	205397	57.356	ng		99
29) 2,4-Dichlorophenol	10.744	162	146878	54.773	ng		99
30) 1,2,4-Trichlorobenzene	10.961	180	134757	49.238	ng		99
31) Naphthalene	11.155	128	462205	48.320	ng		100
32) Benzoic acid	10.362	122	31998	19.624	ng		97
33) 4-Chloroaniline	11.255	127	100253	24.515	ng		98
34) Hexachlorobutadiene	11.432	225	78353	50.106	ng		97
35) Caprolactam	12.031	113	50924m	40.917	ng		
36) 4-Chloro-3-methylphenol	12.354	107	179991	53.342	ng		99
37) 2-Methylnaphthalene	12.736	142	331792	48.109	ng		100
38) 1-Methylnaphthalene	12.953	142	320235	47.066	ng		98
40) 1,2,4,5-Tetrachloroben...	13.100	216	154654	54.338	ng		99
41) Hexachlorocyclopentadiene	13.077	237	162082	117.558	ng		98
43) 2,4,6-Trichlorophenol	13.329	196	118811	56.520	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.406	196	130504	56.129	ng	99
46) 1,1'-Biphenyl	13.723	154	451748	55.816	ng	98
47) 2-Chloronaphthalene	13.776	162	335618	52.586	ng	100
48) 2-Nitroaniline	13.970	65	136210	54.572	ng	98
49) Acenaphthylene	14.610	152	572169	51.933	ng	98
50) Dimethylphthalate	14.328	163	484261	52.267	ng	100
51) 2,6-Dinitrotoluene	14.451	165	103760	55.036	ng	98
52) Acenaphthene	14.951	154	388257m	55.286	ng	
53) 3-Nitroaniline	14.781	138	93458	39.440	ng	97
54) 2,4-Dinitrophenol	14.992	184	78009	71.138	ng	96
55) Dibenzofuran	15.280	168	547449	51.960	ng	99
56) 4-Nitrophenol	15.086	139	178759	105.473	ng	98
57) 2,4-Dinitrotoluene	15.239	165	149037	54.474	ng	93
58) Fluorene	15.926	166	447621	51.060	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.503	232	112930	54.481	ng	99
60) Diethylphthalate	15.679	149	508174	51.562	ng	99
61) 4-Chlorophenyl-phenyle...	15.909	204	219320	54.441	ng	99
62) 4-Nitroaniline	15.944	138	125074	50.228	ng	100
63) Azobenzene	16.202	77	506393	52.742	ng	99
65) 4,6-Dinitro-2-methylph...	15.997	198	67111	46.712	ng	99
66) n-Nitrosodiphenylamine	16.120	169	401688	55.221	ng	99
67) 4-Bromophenyl-phenylether	16.802	248	143778	56.627	ng	95
68) Hexachlorobenzene	16.925	284	158955	55.369	ng	98
69) Atrazine	17.054	200	154292	62.378	ng	99
70) Pentachlorophenol	17.266	266	177625	108.582	ng	98
71) Phenanthrene	17.660	178	733905	52.656	ng	99
72) Anthracene	17.753	178	742865	54.520	ng	99
73) Carbazole	18.018	167	723702	55.222	ng	99
74) Di-n-butylphthalate	18.547	149	906827	55.355	ng	99
75) Fluoranthene	19.651	202	849033	52.278	ng	99
77) Benzidine	19.816	184	282539	49.456	ng	99
78) Pyrene	20.010	202	853959	52.802	ng	99
80) Butylbenzylphthalate	20.868	149	405782	53.096	ng	98
81) Benzo(a)anthracene	21.878	228	799348	50.450	ng	98
82) 3,3'-Dichlorobenzidine	21.778	252	227176	44.024	ng	99
83) Chrysene	21.943	228	748562	49.737	ng	99
84) Bis(2-ethylhexyl)phtha...	21.749	149	587199	53.786	ng	98
85) Di-n-octyl phthalate	23.012	149	984763	54.144	ng	100
87) Indeno(1,2,3-cd)pyrene	29.211	276	952264	51.198	ng	99
88) Benzo(b)fluoranthene	24.211	252	846687	55.894	ng	98
89) Benzo(k)fluoranthene	24.281	252	808644	52.867	ng	99
90) Benzo(a)pyrene	25.139	252	738994	56.889	ng	100
91) Dibenzo(a,h)anthracene	29.269	278	822251	53.870	ng	99
92) Benzo(g,h,i)perylene	30.445	276	814669	53.811	ng	99

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

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