Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111022\
Data File : BG055534.D
Acq On : 10 Nov 2022 11:02
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Nov 11 01:57:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 10 03:39:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.273	152	53180	20.000	ng		0.00
21) Naphthalene-d8	11.105	136	223510	20.000	ng	#	0.00
39) Acenaphthene-d10	14.895	164	160611	20.000	ng		0.00
64) Phenanthrene-d10	17.633	188	365863	20.000	ng		0.00
76) Chrysene-d12	21.928	240	335927	20.000	ng		0.00
86) Perylene-d12	25.353	264	367339	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.794	112	224928	80.562	ng		0.00
7) Phenol-d6	7.398	99	312196	80.949	ng		0.00
23) Nitrobenzene-d5	9.442	82	287633	87.241	ng		0.00
42) 2,4,6-Tribromophenol	16.369	330	137880	87.985	ng		0.00
45) 2-Fluorobiphenyl	13.520	172	814042	76.452	ng		0.00
79) Terphenyl-d14	20.218	244	1323293	79.122	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.637	88	54951	38.749	ng		97
3) Pyridine	4.049	79	167050	42.366	ng		99
4) n-Nitrosodimethylamine	3.961	42	85028	39.618	ng	#	94
6) Aniline	7.586	93	203132	39.653	ng		98
8) 2-Chlorophenol	7.827	128	123891	39.636	ng		97
9) Benzaldehyde	7.398	77	117241	38.530	ng		97
10) Phenol	7.427	94	175212	39.464	ng		98
11) bis(2-Chloroethyl)ether	7.680	93	141557	39.601	ng		97
12) 1,3-Dichlorobenzene	8.161	146	152855	39.148	ng		97
13) 1,4-Dichlorobenzene	8.308	146	155269	39.293	ng		97
14) 1,2-Dichlorobenzene	8.632	146	147161	39.215	ng		98
15) Benzyl Alcohol	8.502	79	134259	39.920	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.796	45	271634	39.548	ng		99
17) 2-Methylphenol	8.696	107	125664	40.221	ng		97
18) Hexachloroethane	9.372	117	52585	40.084	ng		94
19) n-Nitroso-di-n-propyla...	9.078	70	127417	39.976	ng		98
20) 3+4-Methylphenols	9.025	107	174179	40.017	ng		97
22) Acetophenone	9.096	105	231742	38.976	ng	#	99
24) Nitrobenzene	9.483	77	159056	41.933	ng		98
25) Isophorone	10.006	82	340418	40.414	ng		99
26) 2-Nitrophenol	10.200	139	41512	34.371	ng		96
27) 2,4-Dimethylphenol	10.247	122	122852	40.793	ng		98
28) bis(2-Chloroethoxy)met...	10.488	93	185266	40.793	ng		99
29) 2,4-Dichlorophenol	10.735	162	134125	40.526	ng		99
30) 1,2,4-Trichlorobenzene	10.958	180	163515	39.442	ng		98
31) Naphthalene	11.152	128	472450	39.097	ng		100
32) Benzoic acid	10.353	122	60916	37.276	ng		99
33) 4-Chloroaniline	11.246	127	201599	39.912	ng		98
34) Hexachlorobutadiene	11.434	225	107619	38.923	ng		97
35) Caprolactam	12.010	113	48048	42.587	ng		95
36) 4-Chloro-3-methylphenol	12.345	107	160925	41.250	ng		97
37) 2-Methylnaphthalene	12.738	142	356141	39.226	ng		98
38) 1-Methylnaphthalene	12.956	142	345277	38.878	ng		99
40) 1,2,4,5-Tetrachloroben...	13.097	216	184728	38.504	ng		98
41) Hexachlorocyclopentadiene	13.079	237	81574	39.717	ng		99
43) 2,4,6-Trichlorophenol	13.326	196	116041	41.135	ng		96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.397	196	134513	41.652	ng	98
46) 1,1'-Biphenyl	13.731	154	456924	38.887	ng	99
47) 2-Chloronaphthalene	13.778	162	357091	39.346	ng	99
48) 2-Nitroaniline	13.966	65	88608	38.700	ng	96
49) Acenaphthylene	14.619	152	591896	39.416	ng	100
50) Dimethylphthalate	14.337	163	490284	40.173	ng	99
51) 2,6-Dinitrotoluene	14.454	165	83047	39.321	ng	99
52) Acenaphthene	14.959	154	366529	39.097	ng	98
53) 3-Nitroaniline	14.783	138	97866	38.684	ng	95
54) 2,4-Dinitrophenol	14.983	184	28722	37.851	ng	94
55) Dibenzofuran	15.288	168	581418	38.793	ng	99
56) 4-Nitrophenol	15.065	139	73314	40.569	ng	98
57) 2,4-Dinitrotoluene	15.236	165	110561	39.693	ng	99
58) Fluorene	15.935	166	458033	38.413	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.506	232	122694	40.990	ng	98
60) Diethylphthalate	15.688	149	499093	40.199	ng	98
61) 4-Chlorophenyl-phenyle...	15.923	204	244535	38.556	ng	99
62) 4-Nitroaniline	15.941	138	104246	43.083	ng	98
63) Azobenzene	16.211	77	469211	38.989	ng	99
65) 4,6-Dinitro-2-methylph...	15.993	198	43228	39.239	ng	98
66) n-Nitrosodiphenylamine	16.129	169	410191	40.021	ng	99
67) 4-Bromophenyl-phenylether	16.816	248	156424	41.910	ng	98
68) Hexachlorobenzene	16.934	284	173903	39.191	ng	99
69) Atrazine	17.069	200	151352	40.804	ng	97
70) Pentachlorophenol	17.274	266	96488	39.691	ng	99
71) Phenanthrene	17.674	178	769037	39.111	ng	98
72) Anthracene	17.762	178	747672	38.800	ng	99
73) Carbazole	18.026	167	683503	39.248	ng	100
74) Di-n-butylphthalate	18.573	149	824264	41.281	ng	99
75) Fluoranthene	19.666	202	902490	38.489	ng	99
77) Benzidine	19.836	184	378778	41.678	ng	99
78) Pyrene	20.030	202	918309	40.392	ng	99
80) Butylbenzylphthalate	20.905	149	335338	39.376	ng	96
81) Benzo(a)anthracene	21.910	228	918132	39.902	ng	100
82) 3,3'-Dichlorobenzidine	21.816	252	316498	42.146	ng	100
83) Chrysene	21.981	228	873853	39.939	ng	98
84) Bis(2-ethylhexyl)phtha...	21.804	149	504699	43.986	ng	99
85) Di-n-octyl phthalate	23.091	149	829697	41.844	ng	99
87) Indeno(1,2,3-cd)pyrene	29.290	276	1100230	39.325	ng	100
88) Benzo(b)fluoranthene	24.260	252	922127	39.619	ng	99
89) Benzo(k)fluoranthene	24.331	252	927503	38.979	ng	99
90) Benzo(a)pyrene	25.194	252	786684	39.238	ng	99
91) Dibenzo(a,h)anthracene	29.372	278	911629	39.363	ng	98
92) Benzo(g,h,i)perylene	30.523	276	893959	39.487	ng	98

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

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