Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110922\
Data File : BG055521.D
Acq On : 9 Nov 2022 13:09
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Quant Time: Nov 10 02:57:26 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 02:56:38 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.270	152	47058	20.000	ng	0.00
21) Naphthalene-d8	11.102	136	205619	20.000	ng	0.00
39) Acenaphthene-d10	14.892	164	148822	20.000	ng	0.00
64) Phenanthrene-d10	17.630	188	343272	20.000	ng	0.00
76) Chrysene-d12	21.931	240	324405	20.000	ng	0.00
86) Perylene-d12	25.350	264	352128	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	205321	83.106	ng	0.00
7) Phenol-d6	7.401	99	288086	84.416	ng	0.00
23) Nitrobenzene-d5	9.445	82	263418	75.615	ng	0.00
42) 2,4,6-Tribromophenol	16.367	330	126053	78.078	ng	0.00
45) 2-Fluorobiphenyl	13.517	172	760361	77.067	ng	0.00
79) Terphenyl-d14	20.215	244	1252167	77.528	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.640	88	50365	40.135	ng	100
3) Pyridine	4.052	79	147482	42.938	ng	100
4) n-Nitrosodimethylamine	3.958	42	77146	40.621	ng	100
6) Aniline	7.583	93	186230	41.083	ng	100
8) 2-Chlorophenol	7.830	128	115025	41.587	ng	100
9) Benzaldehyde	7.395	77	105952	39.350	ng	100
10) Phenol	7.424	94	161803	41.185	ng	100
11) bis(2-Chloroethyl)ether	7.677	93	126883	40.114	ng	100
12) 1,3-Dichlorobenzene	8.159	146	137765	39.873	ng	100
13) 1,4-Dichlorobenzene	8.306	146	140925	40.303	ng	100
14) 1,2-Dichlorobenzene	8.629	146	133426	40.181	ng	100
15) Benzyl Alcohol	8.500	79	126559	42.526	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.799	45	247237	40.678	ng	100
17) 2-Methylphenol	8.699	107	114769	41.513	ng	100
18) Hexachloroethane	9.375	117	47420	40.850	ng	100
19) n-Nitroso-di-n-propyla...	9.075	70	117098	41.518	ng	100
20) 3+4-Methylphenols	9.022	107	163121	42.352	ng	100
22) Acetophenone	9.099	105	212656	38.878	ng	100
24) Nitrobenzene	9.487	77	147836	38.886	ng	100
25) Isophorone	10.010	82	310390	40.056	ng	100
26) 2-Nitrophenol	10.203	139	43129	38.985	ng	100
27) 2,4-Dimethylphenol	10.245	122	113408	37.832	ng	100
28) bis(2-Chloroethoxy)met...	10.485	93	166388	39.825	ng	100
29) 2,4-Dichlorophenol	10.732	162	127964	42.028	ng	100
30) 1,2,4-Trichlorobenzene	10.955	180	150855	39.554	ng	100
31) Naphthalene	11.155	128	437453	39.351	ng	100
32) Benzoic acid	10.350	122	59484	38.859	ng	100
33) 4-Chloroaniline	11.249	127	184753	39.759	ng	100
34) Hexachlorobutadiene	11.431	225	100150	39.373	ng	100
35) Caprolactam	12.013	113	44124	40.329	ng	100
36) 4-Chloro-3-methylphenol	12.342	107	148238	41.304	ng	100
37) 2-Methylnaphthalene	12.736	142	328567	39.337	ng	100
38) 1-Methylnaphthalene	12.953	142	320924	39.280	ng	100
40) 1,2,4,5-Tetrachloroben...	13.094	216	175686	39.520	ng	100
41) Hexachlorocyclopentadiene	13.077	237	79512	40.037	ng	100
43) 2,4,6-Trichlorophenol	13.323	196	110846	38.357	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.394	196	127573	39.258	ng	100
46) 1,1'-Biphenyl	13.729	154	427241	39.241	ng	100
47) 2-Chloronaphthalene	13.776	162	328254	39.034	ng	100
48) 2-Nitroaniline	13.964	65	83432	36.672	ng	100
49) Acenaphthylene	14.616	152	547419	39.341	ng	100
50) Dimethylphthalate	14.334	163	460456	40.717	ng	100
51) 2,6-Dinitrotoluene	14.451	165	79101	38.226	ng	100
52) Acenaphthene	14.957	154	344617	39.672	ng	100
53) 3-Nitroaniline	14.780	138	90581	38.645	ng	100
54) 2,4-Dinitrophenol	14.980	184	27235	39.880	ng	100
55) Dibenzofuran	15.286	168	540093	38.890	ng	100
56) 4-Nitrophenol	15.062	139	68013	38.246	ng	100
57) 2,4-Dinitrotoluene	15.233	165	101980	37.280	ng	100
58) Fluorene	15.932	166	431049	39.014	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.503	232	118784	39.196	ng	100
60) Diethylphthalate	15.691	149	466238	40.527	ng	100
61) 4-Chlorophenyl-phenyle...	15.920	204	230139	39.160	ng	100
62) 4-Nitroaniline	15.938	138	94594	38.824	ng	100
63) Azobenzene	16.208	77	435119	39.021	ng	100
65) 4,6-Dinitro-2-methylph...	15.991	198	40916	39.501	ng	100
66) n-Nitrosodiphenylamine	16.126	169	384823	40.017	ng	100
67) 4-Bromophenyl-phenylether	16.813	248	141559	40.423	ng	100
68) Hexachlorobenzene	16.931	284	165019	39.637	ng	100
69) Atrazine	17.066	200	145709	41.868	ng	100
70) Pentachlorophenol	17.266	266	93998	38.798	ng	100
71) Phenanthrene	17.671	178	726013	39.353	ng	100
72) Anthracene	17.765	178	717443	39.682	ng	100
73) Carbazole	18.024	167	647512	39.628	ng	100
74) Di-n-butylphthalate	18.576	149	789251	42.129	ng	100
75) Fluoranthene	19.669	202	862932	39.224	ng	100
77) Benzidine	19.833	184	368516	41.989	ng	100
78) Pyrene	20.027	202	870365	39.642	ng	100
80) Butylbenzylphthalate	20.903	149	320627	39.020	ng	100
81) Benzo(a)anthracene	21.907	228	887649	39.947	ng	100
82) 3,3'-Dichlorobenzidine	21.813	252	301991	41.643	ng	100
83) Chrysene	21.978	228	838262	39.673	ng	100
84) Bis(2-ethylhexyl)phtha...	21.802	149	480085	39.814	ng	100
85) Di-n-octyl phthalate	23.088	149	794658	41.500	ng	100
87) Indeno(1,2,3-cd)pyrene	29.293	276	1062360	39.612	ng	100
88) Benzo(b)fluoranthene	24.258	252	881851	39.525	ng	100
89) Benzo(k)fluoranthene	24.334	252	903081	39.592	ng	100
90) Benzo(a)pyrene	25.192	252	761487	39.622	ng	100
91) Dibenzo(a,h)anthracene	29.369	278	879061	39.596	ng	100
92) Benzo(g,h,i)perylene	30.527	276	864353	39.828	ng	100

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

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