Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110922\
Data File : BG055522.D
Acq On : 9 Nov 2022 13:50
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Quant Time: Nov 10 03:01:11 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	8.274	152	50294	20.000	ng		0.00
21) Naphthalene-d8	11.100	136	208575	20.000	ng		0.00
39) Acenaphthene-d10	14.890	164	151167	20.000	ng		0.00
64) Phenanthrene-d10	17.628	188	343777	20.000	ng		0.00
76) Chrysene-d12	21.934	240	321379	20.000	ng		0.00
86) Perylene-d12	25.354	264	348722	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.794	112	262378	99.367	ng		0.00
7) Phenol-d6	7.398	99	365315	100.158	ng		0.00
23) Nitrobenzene-d5	9.443	82	344801	95.994	ng		0.00
42) 2,4,6-Tribromophenol	16.370	330	158905	95.692	ng		0.00
45) 2-Fluorobiphenyl	13.521	172	933850	93.183	ng		0.00
79) Terphenyl-d14	20.219	244	1498020	93.623	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.638	88	62165	46.351	ng		98
3) Pyridine	4.049	79	185573	50.551	ng		99
4) n-Nitrosodimethylamine	3.955	42	98575	48.565	ng		98
6) Aniline	7.586	93	234483	48.400	ng		100
8) 2-Chlorophenol	7.827	128	147501	49.897	ng		100
9) Benzaldehyde	7.398	77	132330	45.985	ng		98
10) Phenol	7.428	94	204626	48.734	ng		100
11) bis(2-Chloroethyl)ether	7.680	93	158958	47.021	ng		97
12) 1,3-Dichlorobenzene	8.162	146	175039	47.402	ng		98
13) 1,4-Dichlorobenzene	8.309	146	174997	46.827	ng		99
14) 1,2-Dichlorobenzene	8.632	146	167022	47.062	ng		98
15) Benzyl Alcohol	8.503	79	161127	50.658	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.797	45	305732	47.066	ng		99
17) 2-Methylphenol	8.697	107	144993	49.070	ng		98
18) Hexachloroethane	9.373	117	59575	48.018	ng		92
19) n-Nitroso-di-n-propyla...	9.079	70	146747	48.683	ng		98
20) 3+4-Methylphenols	9.026	107	206634	50.198	ng		96
22) Acetophenone	9.096	105	266045	47.950	ng	#	99
24) Nitrobenzene	9.484	77	189764	48.456	ng		98
25) Isophorone	10.007	82	387044	49.240	ng		99
26) 2-Nitrophenol	10.201	139	60445	49.755	ng		93
27) 2,4-Dimethylphenol	10.242	122	146426	48.155	ng		100
28) bis(2-Chloroethoxy)met...	10.489	93	208121	49.107	ng		99
29) 2,4-Dichlorophenol	10.736	162	163728	53.013	ng		98
30) 1,2,4-Trichlorobenzene	10.959	180	187694	48.516	ng		100
31) Naphthalene	11.153	128	544256	48.264	ng		99
32) Benzoic acid	10.365	122	84933	49.220	ng		98
33) 4-Chloroaniline	11.247	127	232859	49.402	ng		98
34) Hexachlorobutadiene	11.435	225	125624	48.688	ng		97
35) Caprolactam	12.022	113	56383	50.803	ng		95
36) 4-Chloro-3-methylphenol	12.340	107	188735	51.843	ng		98
37) 2-Methylnaphthalene	12.739	142	412133	48.643	ng		100
38) 1-Methylnaphthalene	12.957	142	399227	48.172	ng		98
40) 1,2,4,5-Tetrachloroben...	13.098	216	215370	47.695	ng		98
41) Hexachlorocyclopentadiene	13.080	237	101902	50.515	ng		99
43) 2,4,6-Trichlorophenol	13.327	196	144808	48.345	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.397	196	162921	48.686	ng		98
46) 1,1'-Biphenyl	13.732	154	528930	47.827	ng		99
47) 2-Chloronaphthalene	13.779	162	411779	48.207	ng		99
48) 2-Nitroaniline	13.967	65	112865	46.897	ng		95
49) Acenaphthylene	14.619	152	679018	48.042	ng		99
50) Dimethylphthalate	14.337	163	572158	49.810	ng		99
51) 2,6-Dinitrotoluene	14.455	165	101236	46.945	ng		100
52) Acenaphthene	14.954	154	427309	48.428	ng		99
53) 3-Nitroaniline	14.784	138	116335	47.863	ng		99
54) 2,4-Dinitrophenol	14.978	184	36011	48.834	ng	#	58
55) Dibenzofuran	15.289	168	671757	47.620	ng		99
56) 4-Nitrophenol	15.066	139	89689	47.900	ng		97
57) 2,4-Dinitrotoluene	15.236	165	135869	47.230	ng		98
58) Fluorene	15.935	166	535784	47.741	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.501	232	151449	48.465	ng		98
60) Diethylphthalate	15.689	149	578844	49.535	ng		99
61) 4-Chlorophenyl-phenyle...	15.918	204	282102	47.258	ng		99
62) 4-Nitroaniline	15.941	138	120018	47.822	ng		99
63) Azobenzene	16.212	77	540523	47.721	ng		99
65) 4,6-Dinitro-2-methylph...	15.994	198	55159	49.327	ng		97
66) n-Nitrosodiphenylamine	16.129	169	473815	49.199	ng		99
67) 4-Bromophenyl-phenylether	16.811	248	171186	48.812	ng		98
68) Hexachlorobenzene	16.934	284	205522	49.293	ng		96
69) Atrazine	17.069	200	178158	51.117	ng		98
70) Pentachlorophenol	17.269	266	121496	48.455	ng		95
71) Phenanthrene	17.675	178	893546	48.363	ng		99
72) Anthracene	17.763	178	872270	48.175	ng		99
73) Carbazole	18.027	167	784817	47.961	ng		99
74) Di-n-butylphthalate	18.574	149	962887	51.322	ng		99
75) Fluoranthene	19.666	202	1035345	46.992	ng		99
77) Benzidine	19.837	184	443385	50.995	ng		100
78) Pyrene	20.031	202	1056383	48.568	ng		99
80) Butylbenzylphthalate	20.906	149	408614	49.232	ng		95
81) Benzo(a)anthracene	21.911	228	1062536	48.268	ng		99
82) 3,3'-Dichlorobenzidine	21.811	252	363335	50.573	ng		99
83) Chrysene	21.981	228	1008700	48.189	ng		100
84) Bis(2-ethylhexyl)phtha...	21.805	149	593892	49.137	ng		99
85) Di-n-octyl phthalate	23.092	149	995379	52.472	ng		99
87) Indeno(1,2,3-cd)pyrene	29.302	276	1298006	48.871	ng		99
88) Benzo(b)fluoranthene	24.261	252	1070263	48.439	ng		100
89) Benzo(k)fluoranthene	24.337	252	1087715	48.153	ng		99
90) Benzo(a)pyrene	25.195	252	927720	48.743	ng		99
91) Dibenzo(a,h)anthracene	29.373	278	1065777	48.476	ng		99
92) Benzo(g,h,i)perylene	30.536	276	1051494	48.925	ng		100

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

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