Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102422\
Data File : BG055259.D
Acq On : 24 Oct 2022 16:35
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG102422

Quant Time: Oct 24 17:10:52 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.273	152	35127	20.000	ng		0.00
21) Naphthalene-d8	11.105	136	152983	20.000	ng		0.00
39) Acenaphthene-d10	14.889	164	100764	20.000	ng		0.00
64) Phenanthrene-d10	17.621	188	231095	20.000	ng		0.00
76) Chrysene-d12	21.898	240	220265	20.000	ng		0.00
86) Perylene-d12	25.294	264	237491	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.793	112	169658	84.569	ng		0.00
7) Phenol-d6	7.409	99	237517	81.721	ng		0.00
23) Nitrobenzene-d5	9.448	82	248631	82.989	ng		0.00
42) 2,4,6-Tribromophenol	16.363	330	94469	86.242	ng		0.00
45) 2-Fluorobiphenyl	13.514	172	520504	84.548	ng		0.00
79) Terphenyl-d14	20.194	244	869720	82.038	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.608	88	41376	42.715	ng		96
3) Pyridine	4.025	79	124460	42.667	ng		98
4) n-Nitrosodimethylamine	3.937	42	51958	40.092	ng		97
6) Aniline	7.585	93	154185	40.523	ng		98
8) 2-Chlorophenol	7.832	128	95743	41.050	ng		100
9) Benzaldehyde	7.397	77	77822	39.216	ng		98
10) Phenol	7.438	94	133816	41.104	ng		99
11) bis(2-Chloroethyl)ether	7.679	93	100788	41.012	ng		99
12) 1,3-Dichlorobenzene	8.161	146	107090	42.082	ng		98
13) 1,4-Dichlorobenzene	8.308	146	108127	41.599	ng		99
14) 1,2-Dichlorobenzene	8.631	146	103670	41.425	ng		97
15) Benzyl Alcohol	8.508	79	98752	40.602	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.796	45	160904	40.008	ng		100
17) 2-Methylphenol	8.708	107	93585	40.647	ng		97
18) Hexachloroethane	9.372	117	39074	42.216	ng		93
19) n-Nitroso-di-n-propyla...	9.078	70	95170	39.432	ng		99
20) 3+4-Methylphenols	9.037	107	132956	40.319	ng		98
22) Acetophenone	9.101	105	161529	41.300	ng	#	98
24) Nitrobenzene	9.489	77	130955	41.979	ng		99
25) Isophorone	10.012	82	244120	40.341	ng		98
26) 2-Nitrophenol	10.206	139	58448	42.785	ng		97
27) 2,4-Dimethylphenol	10.253	122	91795	43.042	ng		94
28) bis(2-Chloroethoxy)met...	10.488	93	126875	41.526	ng		99
29) 2,4-Dichlorophenol	10.741	162	96102	42.005	ng		98
30) 1,2,4-Trichlorobenzene	10.958	180	98662	42.253	ng		98
31) Naphthalene	11.152	128	339652	41.618	ng		100
32) Benzoic acid	10.388	122	59734	38.018	ng		96
33) 4-Chloroaniline	11.252	127	142116	40.732	ng		98
34) Hexachlorobutadiene	11.428	225	56911	42.657	ng		99
35) Caprolactam	12.021	113	41015	38.627	ng		100
36) 4-Chloro-3-methylphenol	12.350	107	116144	40.344	ng		99
37) 2-Methylnaphthalene	12.738	142	239350	40.678	ng		100
38) 1-Methylnaphthalene	12.956	142	234645	40.421	ng		99
40) 1,2,4,5-Tetrachloroben...	13.097	216	105488	43.405	ng		100
41) Hexachlorocyclopentadiene	13.073	237	49779	44.430	ng		96
43) 2,4,6-Trichlorophenol	13.326	196	77568	43.214	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.402	196	86729	43.684	ng		99
46) 1,1'-Biphenyl	13.725	154	298619	43.209	ng		99
47) 2-Chloronaphthalene	13.772	162	231457	42.471	ng		99
48) 2-Nitroaniline	13.966	65	90747	42.578	ng		98
49) Acenaphthylene	14.612	152	395146	42.002	ng		99
50) Dimethylphthalate	14.330	163	326630	41.286	ng		100
51) 2,6-Dinitrotoluene	14.454	165	68685	42.665	ng		96
52) Acenaphthene	14.953	154	257533	42.946	ng		99
53) 3-Nitroaniline	14.783	138	86269	42.636	ng		96
54) 2,4-Dinitrophenol	14.988	184	37759	42.090	ng		96
55) Dibenzofuran	15.282	168	374243	41.598	ng		99
56) 4-Nitrophenol	15.077	139	63684	44.005	ng		97
57) 2,4-Dinitrotoluene	15.235	165	99633	42.647	ng		96
58) Fluorene	15.923	166	309976	41.409	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.500	232	77148	43.587	ng		97
60) Diethylphthalate	15.676	149	349497	41.529	ng		99
61) 4-Chlorophenyl-phenyle...	15.911	204	144782	42.088	ng		98
62) 4-Nitroaniline	15.940	138	91198	42.890	ng		99
63) Azobenzene	16.199	77	343141	41.854	ng		99
65) 4,6-Dinitro-2-methylph...	15.993	198	57950	45.615	ng		96
66) n-Nitrosodiphenylamine	16.122	169	271984	42.284	ng		99
67) 4-Bromophenyl-phenylether	16.798	248	94409	42.050	ng		96
68) Hexachlorobenzene	16.927	284	105782	41.670	ng		99
69) Atrazine	17.057	200	96152	43.961	ng		99
70) Pentachlorophenol	17.262	266	57870	41.613	ng		98
71) Phenanthrene	17.662	178	516201	41.884	ng		99
72) Anthracene	17.750	178	513639	42.631	ng		100
73) Carbazole	18.014	167	489354	42.227	ng		99
74) Di-n-butylphthalate	18.549	149	638133	44.052	ng		99
75) Fluoranthene	19.648	202	611135	42.555	ng		99
77) Benzidine	19.818	184	238278	44.678	ng		99
78) Pyrene	20.012	202	620273	41.084	ng		99
80) Butylbenzylphthalate	20.870	149	296839	41.607	ng		96
81) Benzo(a)anthracene	21.875	228	595053	40.230	ng		99
82) 3,3'-Dichlorobenzidine	21.781	252	202296	41.993	ng		99
83) Chrysene	21.945	228	563734	40.123	ng		100
84) Bis(2-ethylhexyl)phtha...	21.745	149	427315	41.928	ng		99
85) Di-n-octyl phthalate	23.014	149	720948	42.461	ng		100
87) Indeno(1,2,3-cd)pyrene	29.207	276	725254	41.347	ng	#	91
88) Benzo(b)fluoranthene	24.207	252	590898	41.363	ng		99
89) Benzo(k)fluoranthene	24.283	252	603432	41.832	ng		99
90) Benzo(a)pyrene	25.135	252	510966	41.710	ng		99
91) Dibenzo(a,h)anthracene	29.260	278	591703	41.106	ng		100
92) Benzo(g,h,i)perylene	30.429	276	590167	41.335	ng		99

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

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