Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102422\
Data File : BG055252.D
Acq On : 24 Oct 2022 11:43
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Quant Time: Oct 24 14:52:04 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 14:49:17 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.276	152	28449	20.000	ng		0.00
21) Naphthalene-d8	11.102	136	129801	20.000	ng		0.00
39) Acenaphthene-d10	14.886	164	93354	20.000	ng		0.00
64) Phenanthrene-d10	17.618	188	236494	20.000	ng		0.00
76) Chrysene-d12	21.895	240	239260	20.000	ng		0.00
86) Perylene-d12	25.291	264	258025	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.797	112	16919	10.700	ng		0.00
7) Phenol-d6	7.412	99	22902	9.505	ng		0.00
23) Nitrobenzene-d5	9.445	82	25283	9.404	ng		0.00
42) 2,4,6-Tribromophenol	16.367	330	9642	9.968	ng		0.00
45) 2-Fluorobiphenyl	13.511	172	59256	10.139	ng		0.00
79) Terphenyl-d14	20.192	244	117163	9.124	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.611	88	4742	6.167	ng		87
3) Pyridine	4.034	79	11229	4.637	ng		96
4) n-Nitrosodimethylamine	3.940	42	5401	4.767	ng	#	96
6) Aniline	7.589	93	15022	4.809	ng		96
8) 2-Chlorophenol	7.830	128	9413	4.924	ng		99
9) Benzaldehyde	7.401	77	9528	5.689	ng		90
10) Phenol	7.436	94	12430	4.566	ng		97
11) bis(2-Chloroethyl)ether	7.677	93	10116	4.827	ng		98
12) 1,3-Dichlorobenzene	8.164	146	10728	5.173	ng		95
13) 1,4-Dichlorobenzene	8.311	146	10879	5.135	ng		97
14) 1,2-Dichlorobenzene	8.634	146	10594	5.248	ng		98
15) Benzyl Alcohol	8.505	79	9036	4.367	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.799	45	16562	4.385	ng		99
17) 2-Methylphenol	8.705	107	9007	4.780	ng		90
18) Hexachloroethane	9.369	117	3929	5.124	ng		91
19) n-Nitroso-di-n-propyla...	9.075	70	9965	4.822	ng		99
20) 3+4-Methylphenols	9.034	107	12690	4.792	ng		93
22) Acetophenone	9.099	105	16729	4.765	ng	#	98
24) Nitrobenzene	9.486	77	12733	4.429	ng		98
25) Isophorone	10.009	82	26210	4.765	ng		100
26) 2-Nitrophenol	10.209	139	5052	4.467	ng		98
27) 2,4-Dimethylphenol	10.250	122	8537	4.740	ng		97
28) bis(2-Chloroethoxy)met...	10.485	93	13034	4.931	ng		97
29) 2,4-Dichlorophenol	10.744	162	8874	4.615	ng		98
30) 1,2,4-Trichlorobenzene	10.961	180	9747	4.951	ng		97
31) Naphthalene	11.155	128	34888	5.094	ng		100
33) 4-Chloroaniline	11.255	127	13985	4.959	ng		96
34) Hexachlorobutadiene	11.431	225	5639	4.743	ng		95
35) Caprolactam	11.995	113	4899	5.797	ng		97
36) 4-Chloro-3-methylphenol	12.354	107	11752	4.700	ng		97
37) 2-Methylnaphthalene	12.736	142	25067	4.812	ng		98
38) 1-Methylnaphthalene	12.953	142	25145	4.889	ng		97
40) 1,2,4,5-Tetrachloroben...	13.094	216	11297	5.148	ng		98
41) Hexachlorocyclopentadiene	13.076	237	3056	3.058	ng		88
43) 2,4,6-Trichlorophenol	13.329	196	7711	4.617	ng		97
44) 2,4,5-Trichlorophenol	13.405	196	8249	4.502	ng		93

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	13.723	154	31924	4.829	ng		98
47)	2-Chloronaphthalene	13.775	162	25383	4.988	ng		99
48)	2-Nitroaniline	13.964	65	9153	4.432	ng		96
49)	Acenaphthylene	14.610	152	44979	5.166	ng		99
50)	Dimethylphthalate	14.322	163	39568	5.388	ng		99
51)	2,6-Dinitrotoluene	14.451	165	6934	4.706	ng		99
52)	Acenaphthene	14.951	154	26644	4.807	ng		97
53)	3-Nitroaniline	14.780	138	9040	4.926	ng		99
54)	2,4-Dinitrophenol	14.992	184	1900	2.558	ng	#	88
55)	Dibenzofuran	15.280	168	44043	5.516	ng		96
56)	4-Nitrophenol	15.080	139	5544	4.296	ng		97
57)	2,4-Dinitrotoluene	15.233	165	10081	4.893	ng	#	97
58)	Fluorene	15.926	166	37117	5.520	ng		98
59)	2,3,4,6-Tetrachlorophenol	15.503	232	7813	4.897	ng	#	93
60)	Diethylphthalate	15.673	149	42331	5.510	ng		97
61)	4-Chlorophenyl-phenyle...	15.908	204	16308	5.225	ng		100
62)	4-Nitroaniline	15.932	138	10015	5.379	ng		99
63)	Azobenzene	16.196	77	40053	5.159	ng		98
65)	4,6-Dinitro-2-methylph...	15.991	198	4875	3.859	ng		94
66)	n-Nitrosodiphenylamine	16.120	169	31699	4.803	ng		98
67)	4-Bromophenyl-phenylether	16.801	248	10681	4.634	ng		94
68)	Hexachlorobenzene	16.925	284	12836	5.088	ng		96
69)	Atrazine	17.048	200	12931	5.944	ng		98
70)	Pentachlorophenol	17.271	266	4029	2.959	ng		98
71)	Phenanthrene	17.659	178	65421	5.184	ng		100
72)	Anthracene	17.753	178	63058	5.113	ng		100
73)	Carbazole	18.018	167	64235	5.656	ng		98
74)	Di-n-butylphthalate	18.546	149	78156	5.276	ng		98
75)	Fluoranthene	19.651	202	80529	5.761	ng		97
78)	Pyrene	20.009	202	84131	4.667	ng		98
80)	Butylbenzylphthalate	20.867	149	44270	5.254	ng		98
81)	Benzo(a)anthracene	21.878	228	93463	6.022	ng		98
82)	3,3'-Dichlorobenzidine	21.778	252	26489	4.971	ng	#	98
83)	Chrysene	21.948	228	88911	6.152	ng		96
84)	Bis(2-ethylhexyl)phtha...	21.749	149	63107	5.724	ng		100
85)	Di-n-octyl phthalate	23.018	149	98727	6.006	ng		100
87)	Indeno(1,2,3-cd)pyrene	29.199	276	97777	5.448	ng	#	92
88)	Benzo(b)fluoranthene	24.204	252	80713	5.268	ng		98
89)	Benzo(k)fluoranthene	24.275	252	83077	5.354	ng		98
90)	Benzo(a)pyrene	25.127	252	69086	5.253	ng		100
91)	Dibenzo(a,h)anthracene	29.257	278	81443	5.539	ng		99
92)	Benzo(g,h,i)perylene	30.415	276	79780	5.601	ng		99

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

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