Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032422\
Data File : BG052807.D
Acq On : 24 Mar 2022 13:42
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Mar 24 16:49:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 24 16:48:57 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.146	152	35980	20.000	ng		0.00
21) Naphthalene-d8	10.960	136	150597	20.000	ng		0.00
39) Acenaphthene-d10	14.767	164	111044	20.000	ng		0.00
64) Phenanthrene-d10	17.504	188	262080	20.000	ng		0.00
76) Chrysene-d12	21.798	240	257981	20.000	ng		0.00
86) Perylene-d12	25.111	264	277310	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.696	112	161389	78.116	ng		0.00
7) Phenol-d6	7.288	99	249760	80.186	ng		0.00
23) Nitrobenzene-d5	9.303	82	272351	90.768	ng		0.00
42) 2,4,6-Tribromophenol	16.247	330	128424	86.067	ng		0.00
45) 2-Fluorobiphenyl	13.392	172	606895	80.606	ng		0.00
79) Terphenyl-d14	20.112	244	1120201	77.241	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.593	88	38246	37.007	ng	#	92
3) Pyridine	3.993	79	111377	42.041	ng	#	87
4) n-Nitrosodimethylamine	3.899	42	50033	42.572	ng		86
6) Aniline	7.459	93	151304	41.429	ng		98
8) 2-Chlorophenol	7.706	128	87779	40.435	ng		95
9) Benzaldehyde	7.271	77	68523	39.951	ng		98
10) Phenol	7.318	94	125652	40.867	ng		92
11) bis(2-Chloroethyl)ether	7.553	93	91913	39.585	ng		94
12) 1,3-Dichlorobenzene	8.034	146	99746	38.161	ng		95
13) 1,4-Dichlorobenzene	8.181	146	101109	38.500	ng		97
14) 1,2-Dichlorobenzene	8.499	146	95111	38.294	ng		96
15) Benzyl Alcohol	8.369	79	109722	41.837	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.669	45	164438	40.667	ng		98
17) 2-Methylphenol	8.575	107	81801	39.909	ng		93
18) Hexachloroethane	9.233	117	39081	40.560	ng		91
19) n-Nitroso-di-n-propyla...	8.945	70	91054	41.275	ng	#	90
20) 3+4-Methylphenols	8.904	107	118852	41.433	ng		88
22) Acetophenone	8.963	105	153288	39.333	ng	#	93
24) Nitrobenzene	9.344	77	131955	43.952	ng		91
25) Isophorone	9.873	82	235943	40.610	ng	#	98
26) 2-Nitrophenol	10.061	139	53165	50.994	ng		98
27) 2,4-Dimethylphenol	10.114	122	82143	38.512	ng		96
28) bis(2-Chloroethoxy)met...	10.349	93	136871	39.842	ng		99
29) 2,4-Dichlorophenol	10.596	162	101500	42.291	ng		96
30) 1,2,4-Trichlorobenzene	10.819	180	113543	40.103	ng		98
31) Naphthalene	11.007	128	305403	39.217	ng		99
32) Benzoic acid	10.237	122	67887	43.468	ng	#	89
33) 4-Chloroaniline	11.101	127	132571	40.165	ng		95
34) Hexachlorobutadiene	11.301	225	81263	40.031	ng		99
35) Caprolactam	11.876	113	35817	54.653	ng	#	79
36) 4-Chloro-3-methylphenol	12.211	107	119215	42.775	ng		91
37) 2-Methylnaphthalene	12.605	142	225727	39.579	ng		97
38) 1-Methylnaphthalene	12.822	142	222440	39.964	ng		98
40) 1,2,4,5-Tetrachloroben...	12.969	216	138750	39.994	ng		99
41) Hexachlorocyclopentadiene	12.951	237	81551	39.657	ng		90
43) 2,4,6-Trichlorophenol	13.198	196	100684	45.318	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.269	196	105161	46.634	ng		96
46) 1,1'-Biphenyl	13.598	154	309413	39.844	ng		97
47) 2-Chloronaphthalene	13.645	162	243070	39.746	ng		97
48) 2-Nitroaniline	13.833	65	92037	55.028	ng		93
49) Acenaphthylene	14.490	152	389496	39.953	ng		99
50) Dimethylphthalate	14.214	163	331525	40.171	ng		98
51) 2,6-Dinitrotoluene	14.326	165	67722	48.602	ng	#	80
52) Acenaphthene	14.831	154	262938	42.100	ng		97
53) 3-Nitroaniline	14.655	138	75871	46.533	ng		94
54) 2,4-Dinitrophenol	14.855	184	43259	56.955	ng	#	77
55) Dibenzofuran	15.160	168	406791	39.885	ng		98
56) 4-Nitrophenol	14.949	139	62751	47.180	ng	#	86
57) 2,4-Dinitrotoluene	15.113	165	97800	50.586	ng		87
58) Fluorene	15.806	166	325444	39.145	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.383	232	107570	44.629	ng		99
60) Diethylphthalate	15.571	149	345887	39.704	ng		100
61) 4-Chlorophenyl-phenyle...	15.795	204	180801	39.433	ng		97
62) 4-Nitroaniline	15.818	138	78506	45.567	ng	#	80
63) Azobenzene	16.088	77	367432	39.461	ng		96
65) 4,6-Dinitro-2-methylph...	15.877	198	63209	54.099	ng		94
66) n-Nitrosodiphenylamine	16.012	169	290579	39.382	ng		99
67) 4-Bromophenyl-phenylether	16.693	248	127387	40.316	ng		95
68) Hexachlorobenzene	16.817	284	137034	40.348	ng		90
69) Atrazine	16.952	200	113262	41.631	ng		93
70) Pentachlorophenol	17.152	266	90674	43.034	ng		95
71) Phenanthrene	17.551	178	554125	39.522	ng		98
72) Anthracene	17.639	178	539629	38.934	ng		99
73) Carbazole	17.903	167	529798	38.595	ng		99
74) Di-n-butylphthalate	18.462	149	601036	40.080	ng		98
75) Fluoranthene	19.554	202	696172	39.117	ng		99
77) Benzidine	19.725	184	183794	27.622	ng		98
78) Pyrene	19.918	202	697369	38.969	ng		98
80) Butylbenzylphthalate	20.794	149	262149	41.297	ng		95
81) Benzo(a)anthracene	21.775	228	676794	39.178	ng		98
82) 3,3'-Dichlorobenzidine	21.687	252	240776	39.469	ng		99
83) Chrysene	21.845	228	634170	39.049	ng		99
84) Bis(2-ethylhexyl)phtha...	21.675	149	359295	41.619	ng		98
85) Di-n-octyl phthalate	22.926	149	609924	42.440	ng		96
87) Indeno(1,2,3-cd)pyrene	28.900	276	785604	41.389	ng	#	96
88) Benzo(b)fluoranthene	24.054	252	660642	38.368	ng		98
89) Benzo(k)fluoranthene	24.130	252	664956	39.252	ng		99
90) Benzo(a)pyrene	24.953	252	576471	39.552	ng		98
91) Dibenzo(a,h)anthracene	28.971	278	642843	41.102	ng		99
92) Benzo(g,h,i)perylene	30.093	276	632899	40.898	ng		98

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

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