Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082121\
Data File : BG049914.D
Acq On : 20 Aug 2021 17:58
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Aug 21 05:16:06 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 21 05:13:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.977	152	29810	20.000	ng		0.00
21) Naphthalene-d8	10.797	136	121319	20.000	ng	#	0.00
39) Acenaphthene-d10	14.639	164	85003	20.000	ng		0.00
64) Phenanthrene-d10	17.388	188	185758	20.000	ng	#	0.00
76) Chrysene-d12	21.659	240	187605	20.000	ng		0.00
86) Perylene-d12	24.884	264	191760	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.527	112	127148	76.460	ng		0.00
7) Phenol-d6	7.143	99	187480	74.478	ng		0.00
23) Nitrobenzene-d5	9.152	82	188220	68.653	ng		0.00
42) 2,4,6-Tribromophenol	16.131	330	87893	70.346	ng		0.00
45) 2-Fluorobiphenyl	13.252	172	404632	69.265	ng		0.00
79) Terphenyl-d14	19.996	244	716814	69.395	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.377	88	25205	34.685	ng		92
3) Pyridine	3.795	79	69646	34.963	ng	#	81
4) n-Nitrosodimethylamine	3.706	42	34604	32.307	ng	#	68
6) Aniline	7.296	93	96069	36.010	ng		95
8) 2-Chlorophenol	7.542	128	66783	36.835	ng		98
9) Benzaldehyde	7.114	77	53677	31.957	ng	#	79
10) Phenol	7.172	94	87435	35.847	ng		92
11) bis(2-Chloroethyl)ether	7.396	93	62221	37.781	ng		86
12) 1,3-Dichlorobenzene	7.866	146	76165	36.680	ng		96
13) 1,4-Dichlorobenzene	8.012	146	76752	36.516	ng		95
14) 1,2-Dichlorobenzene	8.335	146	73774	37.050	ng		98
15) Benzyl Alcohol	8.224	79	72157	34.132	ng		90
16) 2,2'-oxybis(1-Chloropr...	8.500	45	65517	35.012	ng		97
17) 2-Methylphenol	8.429	107	61951	38.571	ng		91
18) Hexachloroethane	9.064	117	30171	37.341	ng		92
19) n-Nitroso-di-n-propyla...	8.788	70	60054	35.651	ng		94
20) 3+4-Methylphenols	8.758	107	82602	36.618	ng		96
22) Acetophenone	8.805	105	113295	34.374	ng	#	94
24) Nitrobenzene	9.193	77	99161	34.277	ng		94
25) Isophorone	9.710	82	164990	33.725	ng		98
26) 2-Nitrophenol	9.904	139	39946	36.182	ng		97
27) 2,4-Dimethylphenol	9.969	122	58749	36.003	ng		96
28) bis(2-Chloroethoxy)met...	10.198	93	76494	35.744	ng	#	90
29) 2,4-Dichlorophenol	10.450	162	68820	34.368	ng		90
30) 1,2,4-Trichlorobenzene	10.662	180	79510	36.062	ng		94
31) Naphthalene	10.850	128	219657	34.572	ng		98
32) Benzoic acid	10.121	122	25141	24.517	ng		90
33) 4-Chloroaniline	10.955	127	93468	37.262	ng	#	91
34) Hexachlorobutadiene	11.126	225	57335	35.785	ng		91
35) Caprolactam	11.743	113	21463	34.690	ng	#	83
36) 4-Chloro-3-methylphenol	12.089	107	81724	35.332	ng		92
37) 2-Methylnaphthalene	12.459	142	167776	35.053	ng		92
38) 1-Methylnaphthalene	12.677	142	155264	34.516	ng		93
40) 1,2,4,5-Tetrachloroben...	12.829	216	88891	35.491	ng		98
41) Hexachlorocyclopentadiene	12.800	237	26159	22.084	ng		94
43) 2,4,6-Trichlorophenol	13.070	196	59286	35.111	ng		92

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44) 2,4,5-Trichlorophenol	13.152	196	61865	33.772	ng		90
46) 1,1'-Biphenyl	13.464	154	208233	34.395	ng		98
47) 2-Chloronaphthalene	13.511	162	166165	34.363	ng		98
48) 2-Nitroaniline	13.716	65	58903	33.174	ng		85
49) Acenaphthylene	14.357	152	264743	34.543	ng		96
50) Dimethylphthalate	14.086	163	224842	35.059	ng		99
51) 2,6-Dinitrotoluene	14.210	165	48192	34.129	ng		92
52) Acenaphthene	14.697	154	155927	33.774	ng		93
53) 3-Nitroaniline	14.545	138	49504	35.949	ng		96
54) 2,4-Dinitrophenol	14.762	184	25034	31.228	ng		93
55) Dibenzofuran	15.032	168	262901	35.102	ng		99
56) 4-Nitrophenol	14.868	139	33585	33.384	ng		98
57) 2,4-Dinitrotoluene	15.003	165	71304	35.953	ng		93
58) Fluorene	15.684	166	214242	35.193	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.267	232	55900	32.856	ng		97
60) Diethylphthalate	15.449	149	226768	35.157	ng		98
61) 4-Chlorophenyl-phenyle...	15.673	204	114408	35.212	ng		97
62) 4-Nitroaniline	15.708	138	51768	36.547	ng	#	87
63) Azobenzene	15.966	77	223455	32.731	ng		86
65) 4,6-Dinitro-2-methylph...	15.772	198	41723	34.943	ng		89
66) n-Nitrosodiphenylamine	15.890	169	183243	34.912	ng		96
67) 4-Bromophenyl-phenylether	16.571	248	76696	35.057	ng		99
68) Hexachlorobenzene	16.695	284	85362	35.120	ng		96
69) Atrazine	16.836	200	75350	35.888	ng		97
70) Pentachlorophenol	17.047	266	36660	28.128	ng		93
71) Phenanthrene	17.429	178	346717	35.477	ng		96
72) Anthracene	17.523	178	346147	36.064	ng		97
73) Carbazole	17.793	167	327204	35.995	ng		99
74) Di-n-butylphthalate	18.340	149	396226	37.391	ng		98
75) Fluoranthene	19.444	202	445555	37.049	ng		99
77) Benzidine	19.620	184	175477	36.506	ng		100
78) Pyrene	19.802	202	437643	34.218	ng		99
80) Butylbenzylphthalate	20.683	149	181575	37.277	ng		91
81) Benzo(a)anthracene	21.641	228	437095	35.776	ng		99
82) 3,3'-Dichlorobenzidine	21.553	252	128349	35.980	ng		100
83) Chrysene	21.706	228	413032	35.366	ng		98
84) Bis(2-ethylhexyl)phtha...	21.529	149	243662	35.339	ng		94
85) Di-n-octyl phthalate	22.740	149	400440	34.378	ng		97
87) Indeno(1,2,3-cd)pyrene	28.579	276	489435	35.391	ng	#	98
88) Benzo(b)fluoranthene	23.861	252	444993	35.383	ng	#	97
89) Benzo(k)fluoranthene	23.926	252	429548	36.616	ng	#	99
90) Benzo(a)pyrene	24.737	252	406123	35.682	ng		98
91) Dibenzo(a,h)anthracene	28.637	278	413095	35.448	ng	#	96
92) Benzo(g,h,i)perylene	29.736	276	404672	35.444	ng	#	97

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

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