Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080221\
Data File : BG049613.D
Acq On : 2 Aug 2021 22:57
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Aug 03 01:20:44 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 01:17:27 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.043	152	30093	20.000	ng		0.00
21) Naphthalene-d8	10.862	136	117327	20.000	ng		#-0.01
39) Acenaphthene-d10	14.692	164	83742	20.000	ng		-0.01
64) Phenanthrene-d10	17.447	188	179934	20.000	ng		# 0.00
76) Chrysene-d12	21.730	240	166828	20.000	ng		0.00
86) Perylene-d12	25.002	264	173867	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.593	112	138623	78.154	ng		-0.01
7) Phenol-d6	7.197	99	204697	79.242	ng		-0.01
23) Nitrobenzene-d5	9.212	82	216664	82.739	ng		-0.01
42) 2,4,6-Tribromophenol	16.184	330	95837	85.458	ng		0.00
45) 2-Fluorobiphenyl	13.318	172	439402	75.502	ng		0.00
79) Terphenyl-d14	20.056	244	717874	84.037	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.460	88	29155	36.283	ng		93
3) Pyridine	3.866	79	82015	40.053	ng		90
4) n-Nitrosodimethylamine	3.784	42	45496	45.244	ng	#	72
6) Aniline	7.361	93	110758	39.645	ng	#	92
8) 2-Chlorophenol	7.608	128	70634	38.835	ng		97
9) Benzaldehyde	7.173	77	62744	36.563	ng		91
10) Phenol	7.226	94	97429	39.595	ng		98
11) bis(2-Chloroethyl)ether	7.455	93	66329	39.350	ng		93
12) 1,3-Dichlorobenzene	7.931	146	83015	38.600	ng		96
13) 1,4-Dichlorobenzene	8.078	146	85443	39.898	ng		96
14) 1,2-Dichlorobenzene	8.401	146	81148	39.225	ng		95
15) Benzyl Alcohol	8.277	79	89776	42.517	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.571	45	75433	38.311	ng		93
17) 2-Methylphenol	8.483	107	65796	40.161	ng		95
18) Hexachloroethane	9.135	117	31606	37.975	ng		92
19) n-Nitroso-di-n-propyla...	8.853	70	70134	41.322	ng		92
20) 3+4-Methylphenols	8.812	107	90966	40.518	ng		98
22) Acetophenone	8.871	105	125692	40.006	ng	#	98
24) Nitrobenzene	9.253	77	111417	40.511	ng		98
25) Isophorone	9.781	82	191718	41.321	ng		97
26) 2-Nitrophenol	9.969	139	43052	43.124	ng		97
27) 2,4-Dimethylphenol	10.028	122	64900	40.663	ng		94
28) bis(2-Chloroethoxy)met...	10.263	93	84283	40.715	ng	#	91
29) 2,4-Dichlorophenol	10.510	162	78825	42.591	ng		92
30) 1,2,4-Trichlorobenzene	10.727	180	85178	40.750	ng		95
31) Naphthalene	10.915	128	240715	38.902	ng		97
32) Benzoic acid	10.181	122	42306	40.343	ng	#	71
33) 4-Chloroaniline	11.021	127	99001	41.926	ng		96
34) Hexachlorobutadiene	11.197	225	62557	41.766	ng		91
35) Caprolactam	11.802	113	23238	40.434	ng	#	72
36) 4-Chloro-3-methylphenol	12.143	107	90235	41.339	ng		94
37) 2-Methylnaphthalene	12.519	142	184093	40.763	ng		96
38) 1-Methylnaphthalene	12.742	142	175518	40.648	ng		93
40) 1,2,4,5-Tetrachloroben...	12.889	216	94201	38.040	ng		97
41) Hexachlorocyclopentadiene	12.865	237	48877	44.217	ng		95
43) 2,4,6-Trichlorophenol	13.130	196	66343	41.076	ng		90

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.200	196	69686	39.884	ng		90
46) 1,1'-Biphenyl	13.529	154	229470	37.378	ng		98
47) 2-Chloronaphthalene	13.570	162	185276	39.291	ng		98
48) 2-Nitroaniline	13.776	65	66730	40.664	ng		96
49) Acenaphthylene	14.416	152	290560	38.005	ng		95
50) Dimethylphthalate	14.146	163	243530	40.031	ng		100
51) 2,6-Dinitrotoluene	14.269	165	54348	41.145	ng		90
52) Acenaphthene	14.757	154	176931	38.342	ng		96
53) 3-Nitroaniline	14.598	138	53183	40.155	ng	#	85
54) 2,4-Dinitrophenol	14.804	184	31812	57.222	ng		92
55) Dibenzofuran	15.092	168	284361	38.403	ng		96
56) 4-Nitrophenol	14.910	139	40310	38.584	ng		92
57) 2,4-Dinitrotoluene	15.057	165	76815	42.079	ng		95
58) Fluorene	15.744	166	232020	38.668	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.321	232	64086	40.123	ng		95
60) Diethylphthalate	15.503	149	243648	39.871	ng		97
61) 4-Chlorophenyl-phenyle...	15.732	204	122463	40.126	ng		92
62) 4-Nitroaniline	15.761	138	53887	38.656	ng		95
63) Azobenzene	16.026	77	255872	37.811	ng		88
65) 4,6-Dinitro-2-methylph...	15.820	198	47203	48.425	ng		88
66) n-Nitrosodiphenylamine	15.949	169	193794	37.496	ng		98
67) 4-Bromophenyl-phenylether	16.625	248	81976	40.223	ng		99
68) Hexachlorobenzene	16.754	284	89614	38.831	ng		97
69) Atrazine	16.895	200	78707	38.432	ng		95
70) Pentachlorophenol	17.095	266	50626	48.809	ng		94
71) Phenanthrene	17.489	178	366925	37.935	ng		97
72) Anthracene	17.577	178	355206	37.363	ng		97
73) Carbazole	17.847	167	344192	38.064	ng		98
74) Di-n-butylphthalate	18.399	149	388121	37.640	ng		98
75) Fluoranthene	19.498	202	450656	37.420	ng		97
77) Benzidine	19.674	184	171820	37.212	ng		99
78) Pyrene	19.862	202	444939	40.634	ng		96
80) Butylbenzylphthalate	20.737	149	172973	43.447	ng		96
81) Benzo(a)anthracene	21.706	228	422669	39.998	ng		99
82) 3,3'-Dichlorobenzidine	21.618	252	127021	41.666	ng		95
83) Chrysene	21.777	228	402148	39.462	ng		99
84) Bis(2-ethylhexyl)phtha...	21.601	149	243208	40.735	ng		97
85) Di-n-octyl phthalate	22.828	149	419877	40.715	ng		99
87) Indeno(1,2,3-cd)pyrene	28.756	276	499800	40.608	ng	#	97
88) Benzo(b)fluoranthene	23.962	252	459239	40.991	ng	#	95
89) Benzo(k)fluoranthene	24.033	252	416947	40.011	ng	#	100
90) Benzo(a)pyrene	24.849	252	418610	41.225	ng	#	98
91) Dibenzo(a,h)anthracene	28.820	278	429926	41.594	ng		97
92) Benzo(g,h,i)perylene	29.931	276	411146	40.198	ng	#	95

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

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