Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041221\
Data File : BG048660.D
Acq On : 12 Apr 2021 11:48
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Apr 12 12:39:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 07 10:06:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.099	152	34653	20.00	ng	#	0.00
21) Naphthalene-d8	10.925	136	144606	20.00	ng		0.00
39) Acenaphthene-d10	14.750	164	100138	20.00	ng		0.00
64) Phenanthrene-d10	17.506	188	244983	20.00	ng	#	0.00
76) Chrysene-d12	21.801	240	241427	20.00	ng	#	0.00
86) Perylene-d12	25.144	264	237083	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.643	112	169187	86.20	ng		0.00
7) Phenol-d6	7.253	99	234730	82.46	ng		0.00
23) Nitrobenzene-d5	9.268	82	227385	76.13	ng		0.00
42) 2,4,6-Tribromophenol	16.243	330	115155	87.48	ng		0.00
45) 2-Fluorobiphenyl	13.369	172	541192	80.33	ng		0.00
79) Terphenyl-d14	20.109	244	1021925	77.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.505	88	30650	38.81	ng		92
3) Pyridine	3.910	79	88469	44.69	ng		95
4) n-Nitrosodimethylamine	3.822	42	44346	34.28	ng		85
6) Aniline	7.418	93	133021	40.69	ng		98
8) 2-Chlorophenol	7.658	128	95711	43.15	ng		91
9) Benzaldehyde	7.230	77	67302	36.99	ng		94
10) Phenol	7.277	94	117628	41.27	ng		96
11) bis(2-Chloroethyl)ether	7.506	93	82197	41.57	ng		97
12) 1,3-Dichlorobenzene	7.987	146	105853	42.36	ng		97
13) 1,4-Dichlorobenzene	8.134	146	105803	42.00	ng		97
14) 1,2-Dichlorobenzene	8.458	146	99483	41.23	ng		95
15) Benzyl Alcohol	8.334	79	94602	40.57	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.628	45	72814	38.17	ng		93
17) 2-Methylphenol	8.540	107	73845	40.05	ng		92
18) Hexachloroethane	9.192	117	39027	41.69	ng	#	86
19) n-Nitroso-di-n-propyla...	8.904	70	75593	38.53	ng		90
20) 3+4-Methylphenols	8.869	107	105307	41.14	ng		93
22) Acetophenone	8.928	105	151164	40.55	ng	#	88
24) Nitrobenzene	9.315	77	114472	39.05	ng		96
25) Isophorone	9.832	82	212897	38.60	ng		97
26) 2-Nitrophenol	10.032	139	55343	41.09	ng		93
27) 2,4-Dimethylphenol	10.079	122	83222	39.27	ng		96
28) bis(2-Chloroethoxy)met...	10.320	93	101761	40.25	ng		99
29) 2,4-Dichlorophenol	10.567	162	97613	40.68	ng		91
30) 1,2,4-Trichlorobenzene	10.784	180	108673	39.41	ng		98
31) Naphthalene	10.978	128	291429	39.20	ng		98
32) Benzoic acid	10.220	122	56023	34.36	ng		95
33) 4-Chloroaniline	11.084	127	121819	38.83	ng		97
34) Hexachlorobutadiene	11.254	225	81693	40.57	ng		89
35) Caprolactam	11.848	113	35267	40.28	ng	#	74
36) 4-Chloro-3-methylphenol	12.200	107	106012	39.34	ng		96
37) 2-Methylnaphthalene	12.576	142	231558	39.12	ng		97
38) 1-Methylnaphthalene	12.800	142	215118	38.11	ng		99
40) 1,2,4,5-Tetrachloroben...	12.941	216	132491	42.68	ng		96
41) Hexachlorocyclopentadiene	12.923	237	66970	37.24	ng		90
43) 2,4,6-Trichlorophenol	13.181	196	87918	41.20	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.258	196	94480	41.39	ng		98
46) 1,1'-Biphenyl	13.581	154	292279	39.95	ng		98
47) 2-Chloronaphthalene	13.628	162	229160	41.11	ng		95
48) 2-Nitroaniline	13.828	65	67485	38.08	ng		89
49) Acenaphthylene	14.474	152	361546	41.37	ng		98
50) Dimethylphthalate	14.198	163	305170	41.06	ng	#	98
51) 2,6-Dinitrotoluene	14.315	165	71968	42.32	ng		92
52) Acenaphthene	14.815	154	234518	37.10	ng		95
53) 3-Nitroaniline	14.650	138	69113	41.45	ng		89
54) 2,4-Dinitrophenol	14.856	184	42300	44.24	ng		91
55) Dibenzofuran	15.150	168	367846	39.85	ng		98
56) 4-Nitrophenol	14.962	139	53588	39.81	ng	#	82
57) 2,4-Dinitrotoluene	15.109	165	108255	45.01	ng	#	92
58) Fluorene	15.796	166	306970	39.72	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.373	232	95461	42.87	ng		97
60) Diethylphthalate	15.555	149	318351	41.69	ng		97
61) 4-Chlorophenyl-phenyle...	15.784	204	171191	41.17	ng		95
62) 4-Nitroaniline	15.814	138	72602	41.63	ng		99
63) Azobenzene	16.078	77	276006	36.74	ng		96
65) 4,6-Dinitro-2-methylph...	15.872	198	72835	49.48	ng		94
66) n-Nitrosodiphenylamine	16.002	169	276891	39.73	ng		98
67) 4-Bromophenyl-phenylether	16.683	248	112549	41.44	ng		98
68) Hexachlorobenzene	16.807	284	119109	42.01	ng		93
69) Atrazine	16.948	200	119947	42.20	ng		97
70) Pentachlorophenol	17.147	266	73237	41.55	ng		94
71) Phenanthrene	17.547	178	511739	40.24	ng		98
72) Anthracene	17.635	178	510906	40.31	ng		98
73) Carbazole	17.905	167	486380	40.47	ng		97
74) Di-n-butylphthalate	18.458	149	558732	41.61	ng		97
75) Fluoranthene	19.556	202	652517	41.39	ng		97
77) Benzidine	19.733	184	308763	37.77	ng		97
78) Pyrene	19.915	202	651844	39.27	ng		100
80) Butylbenzylphthalate	20.796	149	252244	40.91	ng		99
81) Benzo(a)anthracene	21.783	228	628566	38.97	ng		98
82) 3,3'-Dichlorobenzidine	21.689	252	202507	36.54	ng		92
83) Chrysene	21.848	228	601786	39.09	ng		95
84) Bis(2-ethylhexyl)phtha...	21.671	149	353434	41.15	ng		98
85) Di-n-octyl phthalate	22.929	149	583679	38.99	ng		97
87) Indeno(1,2,3-cd)pyrene	28.981	276	645938	38.86	ng	#	94
88) Benzo(b)fluoranthene	24.080	252	645926	41.95	ng		99
89) Benzo(k)fluoranthene	24.151	252	596752	40.31	ng		100
90) Benzo(a)pyrene	24.985	252	583656	41.13	ng		100
91) Dibenzo(a,h)anthracene	29.051	278	516979	36.44	ng		95
92) Benzo(g,h,i)perylene	30.185	276	490046	35.27	ng		99

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

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