Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061121\
Data File : BG048911.D
Acq On : 11 Jun 2021 15:48
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ICVBG061121

Quant Time: Jun 11 16:27:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 11 16:03:10 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.133	152	42921	20.000	ng		0.01
21) Naphthalene-d8	10.959	136	176620	20.000	ng	#	0.01
39) Acenaphthene-d10	14.778	164	130226	20.000	ng		0.01
64) Phenanthrene-d10	17.522	188	295425	20.000	ng	#	0.00
76) Chrysene-d12	21.817	240	281619	20.000	ng		0.00
86) Perylene-d12	25.160	264	286067	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.671	112	196204	71.160	ng		0.00
7) Phenol-d6	7.275	99	298539	72.241	ng		0.01
23) Nitrobenzene-d5	9.302	82	293916	71.756	ng		0.01
42) 2,4,6-Tribromophenol	16.259	330	136278	70.633	ng		0.00
45) 2-Fluorobiphenyl	13.403	172	626260	67.935	ng		0.01
79) Terphenyl-d14	20.131	244	1045666	68.001	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.550	88	47437	35.241	ng	#	80
3) Pyridine	3.961	79	137610	37.686	ng	#	85
4) n-Nitrosodimethylamine	3.867	42	68973	39.444	ng	#	71
6) Aniline	7.451	93	188871	36.292	ng		92
8) 2-Chlorophenol	7.692	128	108045	35.552	ng		81
9) Benzaldehyde	7.263	77	73834	34.528	ng		87
10) Phenol	7.299	94	152740	35.777	ng		92
11) bis(2-Chloroethyl)ether	7.545	93	111582	35.225	ng	#	80
12) 1,3-Dichlorobenzene	8.021	146	121024	35.649	ng		98
13) 1,4-Dichlorobenzene	8.168	146	120566	35.622	ng		98
14) 1,2-Dichlorobenzene	8.491	146	115537	35.484	ng		94
15) Benzyl Alcohol	8.368	79	137510	36.333	ng		91
16) 2,2'-oxybis(1-Chloropr...	8.668	45	210103	35.055	ng		83
17) 2-Methylphenol	8.568	107	100021	35.725	ng		96
18) Hexachloroethane	9.226	117	49150	36.198	ng		92
19) n-Nitroso-di-n-propyla...	8.944	70	113796	35.228	ng		96
20) 3+4-Methylphenols	8.897	107	139962	36.563	ng		97
22) Acetophenone	8.961	105	187912	34.970	ng	#	95
24) Nitrobenzene	9.343	77	165306	35.828	ng		98
25) Isophorone	9.878	82	307965	34.511	ng		97
26) 2-Nitrophenol	10.060	139	58655	37.477	ng		89
27) 2,4-Dimethylphenol	10.113	122	98449	34.694	ng		96
28) bis(2-Chloroethoxy)met...	10.354	93	142774	34.553	ng		94
29) 2,4-Dichlorophenol	10.595	162	113160	35.546	ng		91
30) 1,2,4-Trichlorobenzene	10.818	180	128369	35.171	ng		97
31) Naphthalene	11.006	128	366548	34.836	ng		98
32) Benzoic acid	10.225	122	68514	36.966	ng	#	72
33) 4-Chloroaniline	11.112	127	157805	35.322	ng		98
34) Hexachlorobutadiene	11.300	225	89791	34.517	ng		95
35) Caprolactam	11.893	113	31707	34.455	ng	#	19
36) 4-Chloro-3-methylphenol	12.216	107	138307	35.544	ng	#	87
37) 2-Methylnaphthalene	12.610	142	272091	34.236	ng		93
38) 1-Methylnaphthalene	12.827	142	258634	34.662	ng		96
40) 1,2,4,5-Tetrachloroben...	12.974	216	144915	35.044	ng		98
41) Hexachlorocyclopentadiene	12.957	237	93447	35.153	ng		92
43) 2,4,6-Trichlorophenol	13.203	196	101905	36.831	ng		89

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.274	196	103922	36.324	ng		94
46) 1,1'-Biphenyl	13.609	154	323908	33.737	ng		95
47) 2-Chloronaphthalene	13.656	162	258864	33.764	ng		98
48) 2-Nitroaniline	13.850	65	102193	38.368	ng		96
49) Acenaphthylene	14.496	152	434231	33.988	ng		95
50) Dimethylphthalate	14.226	163	347471	34.254	ng		99
51) 2,6-Dinitrotoluene	14.343	165	77239	37.389	ng		91
52) Acenaphthene	14.837	154	285181	34.631	ng		97
53) 3-Nitroaniline	14.666	138	76016	36.345	ng	#	77
54) 2,4-Dinitrophenol	14.872	184	37504	39.193	ng		93
55) Dibenzofuran	15.172	168	438788	34.279	ng		98
56) 4-Nitrophenol	14.960	139	63154	37.038	ng	#	81
57) 2,4-Dinitrotoluene	15.125	165	108179	42.633	ng		93
58) Fluorene	15.824	166	358423	34.242	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.395	232	101830	35.163	ng		98
60) Diethylphthalate	15.589	149	374678	34.103	ng		98
61) 4-Chlorophenyl-phenyle...	15.812	204	190639	34.831	ng		96
62) 4-Nitroaniline	15.830	138	77267	36.530	ng	#	75
63) Azobenzene	16.106	77	427682	34.022	ng		87
65) 4,6-Dinitro-2-methylph...	15.888	198	59800	42.686	ng		93
66) n-Nitrosodiphenylamine	16.024	169	319758	34.731	ng		98
67) 4-Bromophenyl-phenylether	16.711	248	128755	34.905	ng		95
68) Hexachlorobenzene	16.829	284	139324	34.848	ng		99
69) Atrazine	16.970	200	112042	37.914	ng		98
70) Pentachlorophenol	17.163	266	85964	35.778	ng		90
71) Phenanthrene	17.569	178	574517	34.562	ng		97
72) Anthracene	17.657	178	572792	34.292	ng		99
73) Carbazole	17.921	167	545380	34.062	ng		98
74) Di-n-butylphthalate	18.485	149	615145	34.254	ng		97
75) Fluoranthene	19.572	202	677593	33.803	ng		97
77) Benzidine	19.749	184	203249	35.826	ng		98
78) Pyrene	19.931	202	692595	33.883	ng		96
80) Butylbenzylphthalate	20.818	149	267322	34.663	ng		96
81) Benzo(a)anthracene	21.799	228	691295	34.188	ng		98
82) 3,3'-Dichlorobenzidine	21.705	252	225467	34.869	ng		98
83) Chrysene	21.870	228	665053	34.304	ng		97
84) Bis(2-ethylhexyl)phtha...	21.711	149	380370	34.601	ng		95
85) Di-n-octyl phthalate	22.980	149	651335	34.935	ng	#	95
87) Indeno(1,2,3-cd)pyrene	28.997	276	767624	35.655	ng	#	97
88) Benzo(b)fluoranthene	24.102	252	718842	35.250	ng	#	95
89) Benzo(k)fluoranthene	24.173	252	672563	34.761	ng	#	98
90) Benzo(a)pyrene	25.007	252	651670	35.008	ng	#	96
91) Dibenzo(a,h)anthracene	29.079	278	646276	35.918	ng	#	93
92) Benzo(g,h,i)perylene	30.201	276	642634	35.419	ng	#	97

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

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