Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061421\
Data File : BG048961.D
Acq On : 15 Jun 2021 1:01
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jun 15 03:22:20 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	8.122	152	50640	20.00	ng		0.00
21) Naphthalene-d8	10.943	136	204982	20.00	ng		# 0.00
39) Acenaphthene-d10	14.762	164	147618	20.00	ng		0.00
64) Phenanthrene-d10	17.511	188	321174	20.00	ng		# 0.00
76) Chrysene-d12	21.806	240	307384	20.00	ng		-0.01
86) Perylene-d12	25.144	264	316065	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.672	112	237899	73.13	ng		0.00
7) Phenol-d6	7.276	99	353042	72.41	ng		0.01
23) Nitrobenzene-d5	9.292	82	351271	73.89	ng		0.00
42) 2,4,6-Tribromophenol	16.254	330	156872	71.73	ng		0.00
45) 2-Fluorobiphenyl	13.387	172	717899	68.70	ng		0.00
79) Terphenyl-d14	20.120	244	1153881	68.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.545	88	51397	32.36	ng	#	76
3) Pyridine	3.951	79	148536	34.48	ng	#	88
4) n-Nitrosodimethylamine	3.863	42	83745	40.59	ng	#	71
6) Aniline	7.441	93	210025	34.20	ng	#	89
8) 2-Chlorophenol	7.688	128	127360	35.52	ng		87
9) Benzaldehyde	7.253	77	91914	36.43	ng		90
10) Phenol	7.306	94	179670	35.67	ng		91
11) bis(2-Chloroethyl)ether	7.535	93	129615	34.68	ng		82
12) 1,3-Dichlorobenzene	8.011	146	142719	35.63	ng		97
13) 1,4-Dichlorobenzene	8.158	146	142323	35.64	ng		99
14) 1,2-Dichlorobenzene	8.481	146	136422	35.51	ng		91
15) Benzyl Alcohol	8.357	79	153923	34.47	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.651	45	234340	33.14	ng		82
17) 2-Methylphenol	8.563	107	116251	35.19	ng		96
18) Hexachloroethane	9.215	117	57536	35.91	ng		98
19) n-Nitroso-di-n-propyla...	8.933	70	123751	32.47	ng	#	96
20) 3+4-Methylphenols	8.892	107	161294	35.71	ng		96
22) Acetophenone	8.945	105	213681	34.26	ng	#	97
24) Nitrobenzene	9.333	77	194176	36.26	ng		97
25) Isophorone	9.856	82	335933	32.44	ng	#	97
26) 2-Nitrophenol	10.044	139	71804	39.53	ng		93
27) 2,4-Dimethylphenol	10.103	122	114879	34.88	ng		93
28) bis(2-Chloroethoxy)met...	10.338	93	163083	34.01	ng		95
29) 2,4-Dichlorophenol	10.590	162	133582	36.16	ng		95
30) 1,2,4-Trichlorobenzene	10.802	180	149846	35.37	ng		95
31) Naphthalene	10.996	128	418275	34.25	ng		98
32) Benzoic acid	10.255	122	86864	40.38	ng	#	76
33) 4-Chloroaniline	11.095	127	172284	33.23	ng		96
34) Hexachlorobutadiene	11.283	225	111921	37.07	ng		97
35) Caprolactam	11.877	113	40167	37.61	ng	#	42
36) 4-Chloro-3-methylphenol	12.224	107	155167	34.36	ng	#	90
37) 2-Methylnaphthalene	12.594	142	313616	34.00	ng		95
38) 1-Methylnaphthalene	12.817	142	293397	33.88	ng		92
40) 1,2,4,5-Tetrachloroben...	12.958	216	166032	35.42	ng		97
41) Hexachlorocyclopentadiene	12.940	237	75280	24.98	ng		94
43) 2,4,6-Trichlorophenol	13.199	196	119837	38.21	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.281	196	130272	40.17	ng		90
46) 1,1'-Biphenyl	13.598	154	373914	34.36	ng		97
47) 2-Chloronaphthalene	13.640	162	297686	34.25	ng		97
48) 2-Nitroaniline	13.839	65	120968	39.75	ng		95
49) Acenaphthylene	14.486	152	483668	33.40	ng		96
50) Dimethylphthalate	14.215	163	383129	33.32	ng		99
51) 2,6-Dinitrotoluene	14.327	165	88707	37.88	ng		95
52) Acenaphthene	14.826	154	311844	33.41	ng		92
53) 3-Nitroaniline	14.662	138	84031	35.44	ng		81
54) 2,4-Dinitrophenol	14.862	184	30936	28.52	ng		95
55) Dibenzofuran	15.161	168	482624	33.26	ng		98
56) 4-Nitrophenol	14.985	139	67724	35.04	ng	#	87
57) 2,4-Dinitrotoluene	15.114	165	123433	42.91	ng	#	95
58) Fluorene	15.813	166	393522	33.17	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.385	232	110915	33.79	ng		97
60) Diethylphthalate	15.578	149	402686	32.33	ng		99
61) 4-Chlorophenyl-phenyle...	15.802	204	213543	34.42	ng		96
62) 4-Nitroaniline	15.825	138	84288	35.15	ng	#	82
63) Azobenzene	16.095	77	440620	30.92	ng		88
65) 4,6-Dinitro-2-methylph...	15.878	198	56015	36.78	ng		91
66) n-Nitrosodiphenylamine	16.013	169	335299	33.50	ng		97
67) 4-Bromophenyl-phenylether	16.695	248	140079	34.93	ng		97
68) Hexachlorobenzene	16.818	284	152143	35.00	ng		99
69) Atrazine	16.959	200	117595	36.60	ng		99
70) Pentachlorophenol	17.159	266	126669	48.49	ng		99
71) Phenanthrene	17.558	178	604389	33.44	ng		98
72) Anthracene	17.647	178	598243	32.94	ng		97
73) Carbazole	17.917	167	578500	33.23	ng		99
74) Di-n-butylphthalate	18.475	149	665178	34.07	ng		98
75) Fluoranthene	19.562	202	737316	33.83	ng		98
77) Benzidine	19.738	184	234866	37.93	ng		98
78) Pyrene	19.920	202	750181	33.62	ng		97
80) Butylbenzylphthalate	20.808	149	300592	35.71	ng		97
81) Benzo(a)anthracene	21.789	228	757532	34.32	ng		99
82) 3,3'-Dichlorobenzidine	21.695	252	265505	37.62	ng		99
83) Chrysene	21.859	228	719645	34.01	ng		95
84) Bis(2-ethylhexyl)phtha...	21.695	149	424225	35.36	ng		98
85) Di-n-octyl phthalate	22.952	149	725238	35.64	ng		95
87) Indeno(1,2,3-cd)pyrene	28.974	276	874048	36.75	ng		98
88) Benzo(b)fluoranthene	24.080	252	787338	34.94	ng	#	97
89) Benzo(k)fluoranthene	24.157	252	753433	35.24	ng	#	98
90) Benzo(a)pyrene	24.991	252	726865	35.34	ng	#	96
91) Dibenzo(a,h)anthracene	29.051	278	725910	36.52	ng	#	95
92) Benzo(g,h,i)perylene	30.173	276	737037	36.77	ng		99

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

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