Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061820\
Data File : BG045795.D
Acq On : 18 Jun 2020 16:13
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jun 18 17:24:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 18:34:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	38987	20.00	ng		0.00
21) Naphthalene-d8	10.72	136	150130	20.00	ng		0.00
39) Acenaphthene-d10	14.57	164	106592	20.00	ng		0.00
64) Phenanthrene-d10	17.32	188	266097	20.00	ng		0.00
76) Chrysene-d12	21.58	240	273590	20.00	ng		0.00
86) Perylene-d12	24.71	264	288081	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	194704	84.36	ng		0.00
7) Phenol-d6	7.15	99	294447	83.87	ng		-0.01
23) Nitrobenzene-d5	9.08	82	278392	84.71	ng		0.00
42) 2,4,6-Tribromophenol	16.07	330	144280	89.66	ng		0.00
45) 2-Fluorobiphenyl	13.19	172	634047	87.41	ng		0.00
79) Terphenyl-d14	19.94	244	1187102	87.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	41980	39.714	ng		99
3) Pyridine	3.76	79	127112	40.580	ng		99
4) n-Nitrosodimethylamine	3.68	42	44607	42.425	ng		97
6) Aniline	7.25	93	179571	43.442	ng		99
8) 2-Chlorophenol	7.51	128	106396	43.068	ng		93
9) Benzaldehyde	7.05	77	81059	38.442	ng		95
10) Phenol	7.18	94	144158	42.380	ng		98
11) bis(2-Chloroethyl)ether	7.34	93	105996	41.025	ng		97
12) 1,3-Dichlorobenzene	7.80	146	124399	42.255	ng		95
13) 1,4-Dichlorobenzene	7.95	146	123895	42.132	ng		99
14) 1,2-Dichlorobenzene	8.27	146	119686	42.514	ng		99
15) Benzyl Alcohol	8.17	79	114643	42.199	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.45	45	100420	41.240	ng		82
17) 2-Methylphenol	8.41	107	106957	42.251	ng		98
18) Hexachloroethane	9.00	117	49455	44.281	ng		88
19) n-Nitroso-di-n-propylamine	8.72	70	97084	42.064	ng		97
20) 3+4-Methylphenols	8.74	107	145603	43.734	ng	#	73
22) Acetophenone	8.74	105	173677	42.148	ng	#	97
24) Nitrobenzene	9.13	77	146831	41.904	ng		99
25) Isophorone	9.64	82	273238	42.948	ng		100
26) 2-Nitrophenol	9.84	139	64298	44.045	ng		97
27) 2,4-Dimethylphenol	9.93	122	94854	42.559	ng		98
28) bis(2-Chloroethoxy)methane	10.13	93	137156	41.272	ng		99
29) 2,4-Dichlorophenol	10.41	162	110094	42.339	ng		95
30) 1,2,4-Trichlorobenzene	10.59	180	130585	42.420	ng		95
31) Naphthalene	10.77	128	341570	41.615	ng		98
32) Benzoic acid	10.13	122	62750	44.270	ng		95
33) 4-Chloroaniline	10.90	127	146881	42.733	ng		99
34) Hexachlorobutadiene	11.06	225	96445	44.053	ng		92
35) Caprolactam	11.66	113	41013	48.740	ng	#	86
36) 4-Chloro-3-methylphenol	12.07	107	129168	43.022	ng		97
37) 2-Methylnaphthalene	12.39	142	261483	42.783	ng		98
38) 1-Methylnaphthalene	12.61	142	245758	42.491	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	150581	42.903	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	59153	35.719	ng		99
43) 2,4,6-Trichlorophenol	13.02	196	102606	43.118	ng		95
44) 2,4,5-Trichlorophenol	13.12	196	112306	41.409	ng		96
46) 1,1'-Biphenyl	13.40	154	326185	42.743	ng		98
47) 2-Chloronaphthalene	13.44	162	261201	42.372	ng		99
48) 2-Nitroaniline	13.66	65	92155	44.942	ng		99
49) Acenaphthylene	14.29	152	434089	43.963	ng		98
50) Dimethylphthalate	14.03	163	365956	43.825	ng		100
51) 2,6-Dinitrotoluene	14.14	165	82668	44.077	ng		95
52) Acenaphthene	14.63	154	255854	42.748	ng		96
53) 3-Nitroaniline	14.49	138	84903	45.322	ng		94
54) 2,4-Dinitrophenol	14.70	184	42819	45.831	ng		94
55) Dibenzofuran	14.97	168	429246	44.148	ng		97
56) 4-Nitrophenol	14.87	139	55565	43.316	ng		96
57) 2,4-Dinitrotoluene	14.94	165	121698	45.288	ng		99
58) Fluorene	15.62	166	359411	44.455	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.21	232	104246	44.286	ng		98
60) Diethylphthalate	15.39	149	388546	45.517	ng		97
61) 4-Chlorophenyl-phenylether	15.61	204	205263	44.050	ng		99
62) 4-Nitroaniline	15.66	138	94319	49.058	ng		92
63) Azobenzene	15.91	77	358163	43.697	ng		99
65) 4,6-Dinitro-2-methylphenol	15.71	198	75688	46.026	ng		94
66) n-Nitrosodiphenylamine	15.83	169	316847	42.039	ng		99
67) 4-Bromophenyl-phenylether	16.50	248	146947	42.500	ng		99
68) Hexachlorobenzene	16.63	284	152995	42.672	ng		96
69) Atrazine	16.78	200	128143	43.815	ng		100
70) Pentachlorophenol	16.99	266	83522	50.361	ng		95
71) Phenanthrene	17.36	178	595910	43.422	ng		98
72) Anthracene	17.46	178	597761	43.741	ng		99
73) Carbazole	17.73	167	588930	45.259	ng		100
74) Di-n-butylphthalate	18.28	149	697680	45.282	ng		99
75) Fluoranthene	19.38	202	780710	46.263	ng		99
77) Benzidine	19.56	184	324066	45.563	ng		98
78) Pyrene	19.74	202	785835	42.893	ng		99
80) Butylbenzylphthalate	20.62	149	335442	43.743	ng		97
81) Benzo(a)anthracene	21.56	228	750007	42.283	ng		100
82) 3,3'-Dichlorobenzidine	21.48	252	283563	42.263	ng		97
83) Chrysene	21.62	228	724515	42.230	ng		99
84) Bis(2-ethylhexyl)phthalate	21.47	149	450145	42.201	ng		97
85) Di-n-octyl phthalate	22.65	149	767684	41.724	ng		100
87) Indeno(1,2,3-cd)pyrene	28.26	276	904375	43.303	ng		100
88) Benzo(b)fluoranthene	23.72	252	783198	43.361	ng		99
89) Benzo(k)fluoranthene	23.78	252	766044	44.313	ng		96
90) Benzo(a)pyrene	24.56	252	732711	43.426	ng		99
91) Dibenzo(a,h)anthracene	28.31	278	742922	44.360	ng		100
92) Benzo(g,h,i)perylene	29.38	276	730237	43.563	ng	#	97

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

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