Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061020\
Data File : BP002379.D
Acq On : 10 Jun 2020 17:42
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Jun 11 02:53:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 05 15:08:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	232054	20.00	ng		0.00
21) Naphthalene-d8	10.36	136	952304	20.00	ng		0.00
39) Acenaphthene-d10	14.24	164	583042	20.00	ng		0.00
64) Phenanthrene-d10	17.00	188	1273878	20.00	ng		0.00
76) Chrysene-d12	21.10	240	1249016	20.00	ng		0.00
86) Perylene-d12	23.30	264	1428709	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	918887	73.27	ng		0.00
7) Phenol-d6	6.78	99	1221155	73.14	ng		0.00
23) Nitrobenzene-d5	8.74	82	1182266	74.14	ng		0.00
42) 2,4,6-Tribromophenol	15.74	330	528373	94.65	ng		0.00
45) 2-Fluorobiphenyl	12.86	172	2603074	75.07	ng		0.00
79) Terphenyl-d14	19.59	244	3849561	76.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.17	88	214586	37.147	ng		98
3) Pyridine	3.55	79	606536	38.631	ng		99
4) n-Nitrosodimethylamine	3.46	42	232612	35.951	ng		98
6) Aniline	6.92	93	828640	36.492	ng		99
8) 2-Chlorophenol	7.16	128	518633	36.781	ng		99
9) Benzaldehyde	6.73	77	330653	36.482	ng		99
10) Phenol	6.81	94	659947	36.444	ng		97
11) bis(2-Chloroethyl)ether	7.03	93	545485	36.079	ng		99
12) 1,3-Dichlorobenzene	7.48	146	598023	36.831	ng		100
13) 1,4-Dichlorobenzene	7.63	146	608994	37.279	ng		98
14) 1,2-Dichlorobenzene	7.94	146	584507	37.352	ng		98
15) Benzyl Alcohol	7.83	79	472405	36.504	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.13	45	745248	34.740	ng		99
17) 2-Methylphenol	8.04	107	489612	37.001	ng		99
18) Hexachloroethane	8.66	117	217877	36.610	ng		96
19) n-Nitroso-di-n-propylamine	8.40	70	408918	36.640	ng		100
20) 3+4-Methylphenols	8.37	107	663868	37.174	ng		98
22) Acetophenone	8.40	105	799653	37.376	ng	#	99
24) Nitrobenzene	8.78	77	624001	36.403	ng		99
25) Isophorone	9.30	82	1189951	36.639	ng		99
26) 2-Nitrophenol	9.49	139	292625	38.310	ng		97
27) 2,4-Dimethylphenol	9.56	122	450091	37.561	ng		97
28) bis(2-Chloroethoxy)methane	9.79	93	712192	36.815	ng		99
29) 2,4-Dichlorophenol	10.02	162	518296	38.424	ng		98
30) 1,2,4-Trichlorobenzene	10.23	180	588337	39.129	ng		97
31) Naphthalene	10.42	128	1638373	37.032	ng		100
32) Benzoic acid	9.71	122	347835	36.435	ng		98
33) 4-Chloroaniline	10.52	127	720239	37.291	ng		99
34) Hexachlorobutadiene	10.72	225	369651	42.129	ng		96
35) Caprolactam	11.29	113	171831	36.118	ng		96
36) 4-Chloro-3-methylphenol	11.67	107	533725	36.569	ng		95
37) 2-Methylnaphthalene	12.03	142	1173671	37.376	ng		99
38) 1-Methylnaphthalene	12.26	142	1104463	37.473	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.42	216	629952	40.988	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	349656	42.793 ng		99
43) 2,4,6-Trichlorophenol	12.66	196	433265	39.833 ng		99
44) 2,4,5-Trichlorophenol	12.73	196	498114	39.548 ng		95
46) 1,1'-Biphenyl	13.07	154	1426604	37.334 ng		99
47) 2-Chloronaphthalene	13.10	162	1180524	37.769 ng		97
48) 2-Nitroaniline	13.30	65	358775	35.957 ng		100
49) Acenaphthylene	13.96	152	1855351	37.190 ng		99
50) Dimethylphthalate	13.70	163	1500508	37.560 ng		100
51) 2,6-Dinitrotoluene	13.82	165	328137	37.821 ng		96
52) Acenaphthene	14.30	154	1095598	37.488 ng		100
53) 3-Nitroaniline	14.14	138	362730	36.614 ng		94
54) 2,4-Dinitrophenol	14.35	184	181986	37.130 ng		97
55) Dibenzofuran	14.64	168	1777611	37.779 ng		99
56) 4-Nitrophenol	14.47	139	280205	35.623 ng		97
57) 2,4-Dinitrotoluene	14.61	165	442457	37.466 ng		95
58) Fluorene	15.29	166	1297575	35.060 ng		99
59) 2,3,4,6-Tetrachlorophenol	14.87	232	410009	41.008 ng		93
60) Diethylphthalate	15.09	149	1456532	36.387 ng		99
61) 4-Chlorophenyl-phenylether	15.30	204	729351	39.343 ng		95
62) 4-Nitroaniline	15.32	138	345611	36.308 ng		97
63) Azobenzene	15.59	77	1405131	35.265 ng		98
65) 4,6-Dinitro-2-methylphenol	15.38	198	262782	39.092 ng		94
66) n-Nitrosodiphenylamine	15.52	169	1222486	37.566 ng		99
67) 4-Bromophenyl-phenylether	16.19	248	509815	42.247 ng		95
68) Hexachlorobenzene	16.31	284	557103	43.505 ng		95
69) Atrazine	16.47	200	398728	37.560 ng		99
70) Pentachlorophenol	16.65	266	326090	42.564 ng		99
71) Phenanthrene	17.04	178	2233100	37.475 ng		100
72) Anthracene	17.13	178	2225601	37.597 ng		99
73) Carbazole	17.40	167	2124805	36.488 ng		99
74) Di-n-butylphthalate	17.99	149	2481967	36.015 ng		99
75) Fluoranthene	19.02	202	2723767	38.293 ng		99
77) Benzidine	19.20	184	944306	33.835 ng		100
78) Pyrene	19.37	202	2807236	36.693 ng		99
80) Butylbenzylphthalate	20.27	149	1120110	32.935 ng		98
81) Benzo(a)anthracene	21.09	228	2666565	37.402 ng		100
82) 3,3'-Dichlorobenzidine	21.02	252	1014772	38.300 ng		99
83) Chrysene	21.14	228	2568683	38.029 ng		99
84) Bis(2-ethylhexyl)phthalate	21.05	149	1648845	33.330 ng	#	98
85) Di-n-octyl phthalate	21.91	149	2861609	32.979 ng		98
87) Indeno(1,2,3-cd)pyrene	25.52	276	3390143	37.937 ng		96
88) Benzo(b)fluoranthene	22.64	252	2828980	36.718 ng		98
89) Benzo(k)fluoranthene	22.69	252	2800880	38.261 ng		99
90) Benzo(a)pyrene	23.20	252	2705934	37.477 ng		98
91) Dibenzo(a,h)anthracene	25.53	278	2784166	38.841 ng		98
92) Benzo(g,h,i)perylene	26.19	276	2798492	37.695 ng		95

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

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