Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061220\
Data File : BP002395.D
Acq On : 12 Jun 2020 08:50
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Jun 12 14:38:10 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	211342	20.00	ng		0.00
21) Naphthalene-d8	10.36	136	879009	20.00	ng		0.00
39) Acenaphthene-d10	14.24	164	531040	20.00	ng		0.00
64) Phenanthrene-d10	17.00	188	1117150	20.00	ng		0.00
76) Chrysene-d12	21.10	240	1021890	20.00	ng		0.00
86) Perylene-d12	23.30	264	1155540	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	991636	86.82	ng		0.00
7) Phenol-d6	6.78	99	1367379	89.92	ng		0.00
23) Nitrobenzene-d5	8.73	82	1333755	90.61	ng		0.00
42) 2,4,6-Tribromophenol	15.74	330	431530	84.87	ng		0.00
45) 2-Fluorobiphenyl	12.86	172	2615108	82.80	ng		0.00
79) Terphenyl-d14	19.59	244	3451753	87.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	234402	44.554	ng		100
3) Pyridine	3.54	79	688059	48.119	ng		98
4) n-Nitrosodimethylamine	3.46	42	274276	46.545	ng		99
6) Aniline	6.92	93	939390	45.424	ng		98
8) 2-Chlorophenol	7.16	128	564123	43.928	ng		99
9) Benzaldehyde	6.73	77	363734	47.811	ng		99
10) Phenol	6.80	94	762077	46.208	ng		98
11) bis(2-Chloroethyl)ether	7.03	93	617328	44.832	ng		99
12) 1,3-Dichlorobenzene	7.48	146	627107	42.407	ng		98
13) 1,4-Dichlorobenzene	7.62	146	641565	43.122	ng		98
14) 1,2-Dichlorobenzene	7.94	146	616219	43.237	ng		100
15) Benzyl Alcohol	7.83	79	542424	46.023	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.12	45	878698	44.975	ng		98
17) 2-Methylphenol	8.04	107	541504	44.934	ng		98
18) Hexachloroethane	8.66	117	239426	44.173	ng		97
19) n-Nitroso-di-n-propylamine	8.40	70	468907	46.133	ng		99
20) 3+4-Methylphenols	8.37	107	736548	45.286	ng		96
22) Acetophenone	8.40	105	889627	45.048	ng	#	98
24) Nitrobenzene	8.78	77	718878	45.435	ng		99
25) Isophorone	9.30	82	1358079	45.303	ng		100
26) 2-Nitrophenol	9.48	139	313751	44.501	ng		97
27) 2,4-Dimethylphenol	9.56	122	495789	44.825	ng		97
28) bis(2-Chloroethoxy)methane	9.79	93	805309	45.100	ng		99
29) 2,4-Dichlorophenol	10.02	162	538578	43.257	ng		99
30) 1,2,4-Trichlorobenzene	10.23	180	594456	42.832	ng		99
31) Naphthalene	10.41	128	1759218	43.079	ng		99
32) Benzoic acid	9.72	122	376822	41.964	ng		99
33) 4-Chloroaniline	10.52	127	789508	44.286	ng		98
34) Hexachlorobutadiene	10.72	225	345205	42.623	ng		97
35) Caprolactam	11.29	113	195965	44.625	ng		94
36) 4-Chloro-3-methylphenol	11.67	107	600886	44.604	ng		98
37) 2-Methylnaphthalene	12.03	142	1244542	42.938	ng		98
38) 1-Methylnaphthalene	12.26	142	1183658	43.508	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.42	216	608558	43.473	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	326128	43.822 ng	100
43) 2,4,6-Trichlorophenol	12.66	196	428362	43.239 ng	98
44) 2,4,5-Trichlorophenol	12.73	196	496163	43.251 ng	98
46) 1,1'-Biphenyl	13.06	154	1498743	43.063 ng	99
47) 2-Chloronaphthalene	13.10	162	1214114	42.648 ng	99
48) 2-Nitroaniline	13.30	65	421184	46.345 ng	97
49) Acenaphthylene	13.96	152	1949520	42.905 ng	99
50) Dimethylphthalate	13.71	163	1535680	42.204 ng	99
51) 2,6-Dinitrotoluene	13.82	165	345849	43.766 ng	95
52) Acenaphthene	14.30	154	1146087	43.056 ng	97
53) 3-Nitroaniline	14.15	138	394319	43.701 ng	100
54) 2,4-Dinitrophenol	14.35	184	189098	41.967 ng	95
55) Dibenzofuran	14.65	168	1800583	42.015 ng	99
56) 4-Nitrophenol	14.47	139	305426	42.632 ng	95
57) 2,4-Dinitrotoluene	14.61	165	466685	43.387 ng	96
58) Fluorene	15.29	166	1330862	39.481 ng	94
59) 2,3,4,6-Tetrachlorophenol	14.87	232	375318	41.215 ng	98
60) Diethylphthalate	15.09	149	1520981	41.718 ng	99
61) 4-Chlorophenyl-phenylether	15.30	204	678149	40.394 ng	99
62) 4-Nitroaniline	15.32	138	372890	43.010 ng	93
63) Azobenzene	15.59	77	1596208	43.983 ng	98
65) 4,6-Dinitro-2-methylphenol	15.38	198	262484	44.526 ng	92
66) n-Nitrosodiphenylamine	15.52	169	1258374	44.094 ng	99
67) 4-Bromophenyl-phenylether	16.19	248	471420	44.546 ng	95
68) Hexachlorobenzene	16.31	284	501243	44.635 ng	98
69) Atrazine	16.48	200	396949	42.638 ng	99
70) Pentachlorophenol	16.65	266	298847	44.480 ng	97
71) Phenanthrene	17.04	178	2293784	43.893 ng	100
72) Anthracene	17.13	178	2273927	43.803 ng	99
73) Carbazole	17.40	167	2185821	42.801 ng	98
74) Di-n-butylphthalate	17.99	149	2607629	43.147 ng	99
75) Fluoranthene	19.02	202	2667610	42.765 ng	98
77) Benzidine	19.20	184	928615	40.668 ng	99
78) Pyrene	19.37	202	2733859	43.676 ng	98
80) Butylbenzylphthalate	20.27	149	1194532	42.930 ng	99
81) Benzo(a)anthracene	21.09	228	2479981	42.517 ng	97
82) 3,3'-Dichlorobenzidine	21.03	252	922009	42.534 ng	99
83) Chrysene	21.14	228	2393014	43.302 ng	99
84) Bis(2-ethylhexyl)phthalate	21.05	149	1730273	42.749 ng	99
85) Di-n-octyl phthalate	21.92	149	2972851	41.876 ng	99
87) Indeno(1,2,3-cd)pyrene	25.53	276	3141212	43.462 ng	99
88) Benzo(b)fluoranthene	22.65	252	2654554	42.599 ng	99
89) Benzo(k)fluoranthene	22.69	252	2593592	43.805 ng	100
90) Benzo(a)pyrene	23.21	252	2531001	43.341 ng	99
91) Dibenzo(a,h)anthracene	25.54	278	2519077	43.451 ng	98
92) Benzo(g,h,i)perylene	26.20	276	2587353	43.090 ng	96

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

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