Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062320\
Data File : BP002509.D
Acq On : 23 Jun 2020 19:19
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Jun 24 00:14:00 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	162743	20.00	ng		0.00
21) Naphthalene-d8	10.36	136	645032	20.00	ng		0.00
39) Acenaphthene-d10	14.23	164	381525	20.00	ng		0.00
64) Phenanthrene-d10	16.99	188	831055	20.00	ng		0.00
76) Chrysene-d12	21.10	240	809716	20.00	ng		0.00
86) Perylene-d12	23.30	264	890662	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	766220	87.12	ng		0.00
7) Phenol-d6	6.78	99	983652	84.00	ng		0.00
23) Nitrobenzene-d5	8.73	82	951507	88.09	ng		0.00
42) 2,4,6-Tribromophenol	15.74	330	332287	90.97	ng		0.00
45) 2-Fluorobiphenyl	12.85	172	1965908	86.64	ng		0.00
79) Terphenyl-d14	19.59	244	2811430	91.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	177999	43.936	ng		99
3) Pyridine	3.54	79	500545	45.458	ng		97
4) n-Nitrosodimethylamine	3.46	42	199256	43.912	ng		100
6) Aniline	6.92	93	660447	41.473	ng		99
8) 2-Chlorophenol	7.16	128	423501	42.825	ng		100
9) Benzaldehyde	6.73	77	261689	43.263	ng		99
10) Phenol	6.80	94	532391	41.921	ng		100
11) bis(2-Chloroethyl)ether	7.02	93	440821	41.574	ng		99
12) 1,3-Dichlorobenzene	7.48	146	485759	42.658	ng		99
13) 1,4-Dichlorobenzene	7.62	146	495660	43.264	ng		98
14) 1,2-Dichlorobenzene	7.93	146	472081	43.015	ng		97
15) Benzyl Alcohol	7.83	79	377289	41.571	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.13	45	628293	41.762	ng		99
17) 2-Methylphenol	8.04	107	388246	41.837	ng		98
18) Hexachloroethane	8.66	117	179872	43.096	ng		98
19) n-Nitroso-di-n-propylamine	8.39	70	320193	40.909	ng		99
20) 3+4-Methylphenols	8.36	107	520050	41.523	ng		98
22) Acetophenone	8.40	105	626568	43.237	ng	#	98
24) Nitrobenzene	8.78	77	506133	43.592	ng		100
25) Isophorone	9.30	82	925551	42.074	ng		100
26) 2-Nitrophenol	9.48	139	228410	44.148	ng		99
27) 2,4-Dimethylphenol	9.56	122	346864	42.736	ng		99
28) bis(2-Chloroethoxy)methane	9.79	93	548053	41.826	ng		100
29) 2,4-Dichlorophenol	10.02	162	395202	43.255	ng		100
30) 1,2,4-Trichlorobenzene	10.23	180	447005	43.891	ng		99
31) Naphthalene	10.41	128	1293160	43.153	ng		99
32) Benzoic acid	9.70	122	261235	39.899	ng		99
33) 4-Chloroaniline	10.52	127	551784	42.178	ng		99
34) Hexachlorobutadiene	10.71	225	269629	45.368	ng		96
35) Caprolactam	11.29	113	128711	39.942	ng		96
36) 4-Chloro-3-methylphenol	11.67	107	414922	41.972	ng		99
37) 2-Methylnaphthalene	12.03	142	909137	42.743	ng		99
38) 1-Methylnaphthalene	12.25	142	845561	42.355	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.41	216	452880	45.030	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	174519	32.640	ng	98
43) 2,4,6-Trichlorophenol	12.66	196	310469	43.620	ng	99
44) 2,4,5-Trichlorophenol	12.73	196	360651	43.758	ng	98
46) 1,1'-Biphenyl	13.06	154	1095512	43.813	ng	98
47) 2-Chloronaphthalene	13.10	162	906124	44.302	ng	98
48) 2-Nitroaniline	13.30	65	290621	44.511	ng	98
49) Acenaphthylene	13.95	152	1410229	43.199	ng	99
50) Dimethylphthalate	13.70	163	1117663	42.753	ng	99
51) 2,6-Dinitrotoluene	13.82	165	247295	43.558	ng	100
52) Acenaphthene	14.30	154	831422	43.475	ng	99
53) 3-Nitroaniline	14.14	138	275806	42.545	ng	98
54) 2,4-Dinitrophenol	14.36	184	102641	32.387	ng	98
55) Dibenzofuran	14.64	168	1336473	43.406	ng	100
56) 4-Nitrophenol	14.47	139	211194	41.031	ng	99
57) 2,4-Dinitrotoluene	14.61	165	337535	43.678	ng	99
58) Fluorene	15.29	166	994825	41.078	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.87	232	281605	43.043	ng	100
60) Diethylphthalate	15.08	149	1099067	41.959	ng	99
61) 4-Chlorophenyl-phenylether	15.30	204	526565	44.662	ng	97
62) 4-Nitroaniline	15.31	138	273059	43.838	ng	97
63) Azobenzene	15.59	77	1117775	42.870	ng	98
65) 4,6-Dinitro-2-methylphenol	15.38	198	170464	38.871	ng	99
66) n-Nitrosodiphenylamine	15.51	169	924124	43.530	ng	100
67) 4-Bromophenyl-phenylether	16.19	248	341003	43.315	ng	98
68) Hexachlorobenzene	16.31	284	368595	44.122	ng	97
69) Atrazine	16.47	200	268351	38.748	ng	99
70) Pentachlorophenol	16.65	266	210107	42.038	ng	97
71) Phenanthrene	17.04	178	1704090	43.835	ng	100
72) Anthracene	17.13	178	1706221	44.181	ng	99
73) Carbazole	17.40	167	1650334	43.441	ng	100
74) Di-n-butylphthalate	17.98	149	1916209	42.621	ng	100
75) Fluoranthene	19.02	202	2065223	44.506	ng	99
77) Benzidine	19.20	184	793538	43.859	ng	99
78) Pyrene	19.37	202	2135609	43.059	ng	98
80) Butylbenzylphthalate	20.27	149	920030	41.729	ng	98
81) Benzo(a)anthracene	21.09	228	2006964	43.423	ng	100
82) 3,3'-Dichlorobenzidine	21.02	252	725214	42.222	ng	98
83) Chrysene	21.14	228	1911393	43.650	ng	100
84) Bis(2-ethylhexyl)phthalate	21.04	149	1317318	41.075	ng	100
85) Di-n-octyl phthalate	21.90	149	2337658	41.557	ng	100
87) Indeno(1,2,3-cd)pyrene	25.52	276	2429380	43.609	ng	99
88) Benzo(b)fluoranthene	22.64	252	2051821	42.719	ng	99
89) Benzo(k)fluoranthene	22.69	252	2067339	45.300	ng	99
90) Benzo(a)pyrene	23.20	252	1979753	43.984	ng	100
91) Dibenzo(a,h)anthracene	25.53	278	1972103	44.132	ng	99
92) Benzo(g,h,i)perylene	26.20	276	2002897	43.276	ng	99

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

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