Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031020\
Data File : BP002142.D
Acq On : 10 Mar 2020 10:32
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTD02083

Quant Time: Mar 10 15:16:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 09 15:02:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	304567	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	1275953	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	806569	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	1718416	20.00	ng/ul	0.00
78) Chrysene-d12	21.12	240	1611556	20.00	ng/ul	0.00
86) Perylene-d12	23.32	264	1832954	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	53242	7.52	ng/uL	0.00
5) Phenol-d5	6.82	99	451618	19.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	255856	20.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	399116	19.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	372668	19.52	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	183951	18.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	193265	17.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	408588	19.23	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	498245	21.40	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	1175586	19.26	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	1400254	19.18	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	176016	15.08	ng/ul	0.00
58) Fluorene-d10	15.27	176	1031808	19.54	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	143108	15.11	ng/ul	0.00
71) Anthracene-d10	17.12	188	1552358	20.10	ng/ul	0.00
79) Pyrene-d10	19.37	212	1737695	20.60	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.19	264	1870228	19.94	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	52600	6.963	ng/uL	97
4) Benzaldehyde	6.78	77	245825	18.007	ng/ul	99
6) Phenol	6.84	94	492374	20.415	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.07	93	391167	20.668	ng/ul	99
10) 2-Chlorophenol	7.20	128	428424	20.793	ng/ul	98
11) 2-Methylphenol	8.08	108	381496	20.229	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.17	45	439479	21.753	ng/ul	100
14) Acetophenone	8.45	105	593070	21.066	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.44	70	275505	20.534	ng/ul	98
16) 4-Methylphenol	8.40	108	420745	20.886	ng/ul	99
17) Hexachloroethane	8.71	117	159276	19.456	ng/ul	97
20) Nitrobenzene	8.82	77	421429	19.297	ng/ul	97
21) Isophorone	9.34	82	792063	19.115	ng/ul	99
23) 2-Nitrophenol	9.53	139	224985	18.755	ng/ul	98
24) 2,4-Dimethylphenol	9.60	107	436987	19.541	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.83	93	524320	19.982	ng/ul	100
27) 2,4-Dichlorophenol	10.06	162	424465	20.100	ng/ul	100
28) Naphthalene	10.46	128	1346683	19.700	ng/ul	99
30) 4-Chloroaniline	10.56	127	524933	22.680	ng/ul	100
31) Hexachlorobutadiene	10.76	225	282704	19.409	ng/ul	100
32) Caprolactam	11.30	113	110491	15.928	ng/ul	92
33) 4-Chloro-3-methylphenol	11.70	107	396338	18.886	ng/ul	100
34) 2-Methylnaphthalene	12.07	142	987723	20.573	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.30	142	939893	19.716	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.46	216	544294	20.243	ng/ul	99
38) Hexachlorocyclopentadiene	12.44	237	243655	15.461	ng/ul	99
39) 2,4,6-Trichlorophenol	12.70	196	324680	18.356	ng/ul	97
40) 2,4,5-Trichlorophenol	12.76	196	356616	19.118	ng/ul	99
41) 1,1'-Biphenyl	13.10	154	1291816	20.589	ng/ul	99
42) 2-Chloronaphthalene	13.14	162	996042	20.082	ng/ul	100
43) 2-Nitroaniline	13.34	65	211628	17.919	ng/ul	99
45) Dimethylphthalate	13.73	163	1207117	19.158	ng/ul	100
46) 2,6-Dinitrotoluene	13.85	165	234036	18.303	ng/ul	98
48) Acenaphthylene	13.99	152	1512886	19.545	ng/ul	100
49) 3-Nitroaniline	14.17	138	219328	18.535	ng/ul	97
50) Acenaphthene	14.33	153	1029071	19.773	ng/ul	99
51) 2,4-Dinitrophenol	14.38	184	156155	21.385	ng/ul	97
53) 4-Nitrophenol	14.49	109	125656	14.910	ng/ul	96
54) Dibenzofuran	14.67	168	1515541	20.618	ng/ul	99
55) 2,4-Dinitrotoluene	14.64	165	340916	18.614	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.90	232	300909	17.610	ng/ul	99
57) Diethylphthalate	15.11	149	1162894	18.698	ng/ul	99
59) Fluorene	15.33	166	1146695	19.521	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.33	204	603496	19.497	ng/ul	97
61) 4-Nitroaniline	15.34	138	221288	17.851	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.40	198	165721	16.061	ng/ul	99
65) N-Nitrosodiphenylamine	15.54	169	1032114	21.098	ng/ul	99
66) 4-Bromophenyl-phenylether	16.22	248	394649	20.040	ng/ul	98
67) Hexachlorobenzene	16.34	284	435011	19.453	ng/ul	99
68) Atrazine	16.50	200	360543	18.662	ng/ul	99
69) Pentachlorophenol	16.68	266	210624	15.253	ng/ul	99
70) Phenanthrene	17.07	178	1887913	19.942	ng/ul	100
72) Anthracene	17.16	178	1909162	20.368	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.06	216	555450	20.120	ng/uL	100
74) Pentachlorobenzene	14.60	250	535055	19.627	ng/uL	100
75) Carbazole	17.43	167	1689292	21.403	ng/ul	99
76) Di-n-butylphthalate	18.01	149	1855421	18.339	ng/ul	99
77) Fluoranthene	19.05	202	2221234	20.339	ng/ul	99
80) Pyrene	19.40	202	2279375	20.774	ng/ul	100
81) Butylbenzylphthalate	20.29	149	825981	18.554	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.04	252	661944	17.990	ng/ul	99
83) Benzo(a)anthracene	21.10	228	2282929	20.939	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.06	149	1238027	18.949	ng/ul	98
85) Chrysene	21.15	228	2143271	20.605	ng/ul	99
87) Di-n-octyl phthalate	21.92	149	2060772	19.063	ng/ul	100
88) Benzo(b)fluoranthene	22.66	252	2335166	20.315	ng/ul	99
89) Benzo(k)fluoranthene	22.71	252	2237633	19.887	ng/ul	99
91) Benzo(a)pyrene	23.23	252	2211772	21.195	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.55	276	2605545	19.265	ng/ul	99
93) Dibenzo(a,h)anthracene	25.56	278	2167489	19.383	ng/ul	99
94) Benzo(g,h,i)perylene	26.23	276	2180889	19.102	ng/ul	98

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

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