Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031020\
Data File : BP002155.D
Acq On : 10 Mar 2020 17:56
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTD02084

Quant Time: Mar 10 18:31:51 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	7.63	152	328828	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	1339213	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	845192	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	1839691	20.00	ng/ul	0.00
78) Chrysene-d12	21.12	240	1851989	20.00	ng/ul	0.00
86) Perylene-d12	23.32	264	2120307	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	56991	7.45	ng/uL	0.00
5) Phenol-d5	6.82	99	485065	19.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	261142	19.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	431920	19.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	397000	19.26	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	198558	19.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	213908	18.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	449961	20.18	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	525572	21.50	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	1237832	19.35	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	1464188	19.14	ng/ul	0.00
52) 4-Nitrophenol-d4	14.48	143	202084	16.53	ng/ul	0.00
58) Fluorene-d10	15.27	176	1090959	19.71	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	143574	14.16	ng/ul	0.00
71) Anthracene-d10	17.12	188	1677958	20.29	ng/ul	0.00
79) Pyrene-d10	19.37	212	1958712	20.20	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.18	264	2153049	19.85	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	57423	7.041	ng/uL	97
4) Benzaldehyde	6.78	77	259792	17.626	ng/ul	98
6) Phenol	6.85	94	519774	19.961	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.07	93	403285	19.736	ng/ul	100
10) 2-Chlorophenol	7.20	128	454395	20.426	ng/ul	98
11) 2-Methylphenol	8.09	108	403876	19.836	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.17	45	446890	20.488	ng/ul	100
14) Acetophenone	8.45	105	623722	20.520	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.44	70	283415	19.565	ng/ul	96
16) 4-Methylphenol	8.41	108	438682	20.169	ng/ul	98
17) Hexachloroethane	8.70	117	170838	19.329	ng/ul	98
20) Nitrobenzene	8.82	77	433993	18.933	ng/ul	99
21) Isophorone	9.35	82	822722	18.917	ng/ul	99
23) 2-Nitrophenol	9.53	139	250345	19.883	ng/ul	97
24) 2,4-Dimethylphenol	9.60	107	454068	19.346	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.83	93	539503	19.589	ng/ul	100
27) 2,4-Dichlorophenol	10.06	162	454135	20.489	ng/ul	98
28) Naphthalene	10.46	128	1410459	19.659	ng/ul	99
30) 4-Chloroaniline	10.56	127	549684	22.627	ng/ul	99
31) Hexachlorobutadiene	10.76	225	309982	20.276	ng/ul	97
32) Caprolactam	11.30	113	127059	17.451	ng/ul	92
33) 4-Chloro-3-methylphenol	11.70	107	413954	18.793	ng/ul	98
34) 2-Methylnaphthalene	12.07	142	1037152	20.582	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.30	142	985663	19.700	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.45	216	591953	21.009	ng/ul	98
38) Hexachlorocyclopentadiene	12.44	237	319888	19.370	ng/ul	96
39) 2,4,6-Trichlorophenol	12.70	196	364575	19.670	ng/ul	99
40) 2,4,5-Trichlorophenol	12.77	196	393075	20.109	ng/ul	99
41) 1,1'-Biphenyl	13.10	154	1344340	20.447	ng/ul	99
42) 2-Chloronaphthalene	13.14	162	1047880	20.162	ng/ul	99
43) 2-Nitroaniline	13.34	65	222638	17.989	ng/ul	97
45) Dimethylphthalate	13.73	163	1264616	19.153	ng/ul	99
46) 2,6-Dinitrotoluene	13.85	165	247468	18.469	ng/ul	97
48) Acenaphthylene	13.99	152	1580031	19.479	ng/ul	100
49) 3-Nitroaniline	14.17	138	245083	19.765	ng/ul	91
50) Acenaphthene	14.33	153	1079222	19.789	ng/ul	99
51) 2,4-Dinitrophenol	14.39	184	151062	19.742	ng/ul	97
53) 4-Nitrophenol	14.50	109	198969	22.531	ng/ul	95
54) Dibenzofuran	14.67	168	1603685	20.820	ng/ul	98
55) 2,4-Dinitrotoluene	14.64	165	363465	18.939	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.90	232	346858	19.371	ng/ul	98
57) Diethylphthalate	15.11	149	1223269	18.770	ng/ul	99
59) Fluorene	15.33	166	1223569	19.878	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.33	204	661833	20.404	ng/ul	95
61) 4-Nitroaniline	15.34	138	265582	20.445	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.41	198	162868	14.744	ng/ul	94
65) N-Nitrosodiphenylamine	15.54	169	1101741	21.036	ng/ul	99
66) 4-Bromophenyl-phenylether	16.22	248	446358	21.172	ng/ul	98
67) Hexachlorobenzene	16.34	284	497587	20.785	ng/ul	96
68) Atrazine	16.50	200	400041	19.342	ng/ul	100
69) Pentachlorophenol	16.68	266	257809	17.439	ng/ul	92
70) Phenanthrene	17.06	178	2011864	19.851	ng/ul	99
72) Anthracene	17.16	178	2036424	20.293	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.06	216	599012	20.267	ng/uL	99
74) Pentachlorobenzene	14.60	250	589066	20.184	ng/uL	97
75) Carbazole	17.43	167	1835339	21.721	ng/ul	99
76) Di-n-butylphthalate	18.00	149	2057801	18.999	ng/ul	100
77) Fluoranthene	19.05	202	2475717	21.175	ng/ul	99
80) Pyrene	19.40	202	2495328	19.790	ng/ul	99
81) Butylbenzylphthalate	20.29	149	974700	19.052	ng/ul	94
82) 3,3'-Dichlorobenzidine	21.04	252	772087	18.259	ng/ul	99
83) Benzo(a)anthracene	21.10	228	2575192	20.553	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.05	149	1414010	18.833	ng/ul	99
85) Chrysene	21.16	228	2369942	19.826	ng/ul	100
87) Di-n-octyl phthalate	21.92	149	2404351	19.227	ng/ul	100
88) Benzo(b)fluoranthene	22.66	252	2714902	20.417	ng/ul	99
89) Benzo(k)fluoranthene	22.70	252	2543930	19.545	ng/ul	100
91) Benzo(a)pyrene	23.23	252	2527514	20.938	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.55	276	3047745	19.480	ng/ul	100
93) Dibenzo(a,h)anthracene	25.56	278	2587512	20.003	ng/ul	98
94) Benzo(g,h,i)perylene	26.22	276	2585205	19.575	ng/ul	99

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

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