Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030920\
Data File : BP002115.D
Acq On : 09 Mar 2020 11:47
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTD02079

Quant Time: Mar 09 15:03:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 05 06:21:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	314963	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	1285004	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	800503	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	1729194	20.00	ng/ul	0.00
78) Chrysene-d12	21.12	240	1645960	20.00	ng/ul	0.00
86) Perylene-d12	23.33	264	1879837	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	54293	7.41	ng/uL	0.00
5) Phenol-d5	6.82	99	468674	19.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	256838	20.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	410072	19.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	381158	19.30	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	187626	19.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	196136	17.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	423932	19.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	495055	21.11	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	1179845	19.48	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	1388642	19.17	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	168799	14.57	ng/ul	0.00
58) Fluorene-d10	15.27	176	1031087	19.67	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	144213	15.13	ng/ul	0.00
71) Anthracene-d10	17.12	188	1558511	20.05	ng/ul	0.00
79) Pyrene-d10	19.37	212	1794132	20.82	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.19	264	1931853	20.09	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	56226	7.197	ng/uL	98
4) Benzaldehyde	6.78	77	210428	14.906	ng/ul	100
6) Phenol	6.85	94	504906	20.243	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.07	93	392735	20.066	ng/ul	99
10) 2-Chlorophenol	7.20	128	437805	20.547	ng/ul	99
11) 2-Methylphenol	8.08	108	388553	19.924	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.17	45	427711	20.472	ng/ul	99
14) Acetophenone	8.45	105	606613	20.835	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.44	70	277155	19.975	ng/ul	97
16) 4-Methylphenol	8.41	108	422683	20.289	ng/ul	100
17) Hexachloroethane	8.71	117	163834	19.352	ng/ul	98
20) Nitrobenzene	8.82	77	422925	19.229	ng/ul	99
21) Isophorone	9.35	82	795779	19.069	ng/ul	99
23) 2-Nitrophenol	9.53	139	228464	18.911	ng/ul	99
24) 2,4-Dimethylphenol	9.60	107	440387	19.554	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.83	93	521385	19.730	ng/ul	99
27) 2,4-Dichlorophenol	10.06	162	429571	20.199	ng/ul	99
28) Naphthalene	10.46	128	1357972	19.725	ng/ul	100
30) 4-Chloroaniline	10.56	127	522630	22.421	ng/ul	100
31) Hexachlorobutadiene	10.76	225	292065	19.910	ng/ul	99
32) Caprolactam	11.30	113	115010	16.463	ng/ul	93
33) 4-Chloro-3-methylphenol	11.70	107	401192	18.982	ng/ul	99
34) 2-Methylnaphthalene	12.07	142	996028	20.600	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.30	142	944491	19.673	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.46	216	563485	21.116	ng/ul	99
38) Hexachlorocyclopentadiene	12.45	237	312748	19.995	ng/ul	98
39) 2,4,6-Trichlorophenol	12.70	196	334624	19.062	ng/ul	97
40) 2,4,5-Trichlorophenol	12.77	196	363335	19.625	ng/ul	99
41) 1,1'-Biphenyl	13.10	154	1296196	20.816	ng/ul	100
42) 2-Chloronaphthalene	13.14	162	1001057	20.336	ng/ul	100
43) 2-Nitroaniline	13.34	65	212570	18.135	ng/ul	100
45) Dimethylphthalate	13.73	163	1196273	19.130	ng/ul	100
46) 2,6-Dinitrotoluene	13.85	165	236380	18.626	ng/ul	99
48) Acenaphthylene	13.99	152	1501287	19.542	ng/ul	100
49) 3-Nitroaniline	14.17	138	215497	18.349	ng/ul	95
50) Acenaphthene	14.34	153	1022515	19.796	ng/ul	98
51) 2,4-Dinitrophenol	14.39	184	129682	17.894	ng/ul	99
53) 4-Nitrophenol	14.49	109	127607	15.256	ng/ul	97
54) Dibenzofuran	14.67	168	1509817	20.695	ng/ul	99
55) 2,4-Dinitrotoluene	14.64	165	340562	18.736	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.91	232	311065	18.342	ng/ul	95
57) Diethylphthalate	15.12	149	1168849	18.936	ng/ul	99
59) Fluorene	15.33	166	1150321	19.731	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.33	204	609449	19.838	ng/ul	99
61) 4-Nitroaniline	15.34	138	220106	17.890	ng/ul	100
64) 4,6-Dinitro-2-methylphenol	15.41	198	164225	15.817	ng/ul	96
65) N-Nitrosodiphenylamine	15.54	169	1024624	20.814	ng/ul	99
66) 4-Bromophenyl-phenylether	16.22	248	404300	20.402	ng/ul	97
67) Hexachlorobenzene	16.34	284	444292	19.745	ng/ul	100
68) Atrazine	16.50	200	370376	19.052	ng/ul	99
69) Pentachlorophenol	16.69	266	218266	15.708	ng/ul	99
70) Phenanthrene	17.07	178	1901598	19.962	ng/ul	99
72) Anthracene	17.16	178	1890924	20.048	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.06	216	565076	20.341	ng/uL	99
74) Pentachlorobenzene	14.60	250	541971	19.757	ng/uL	99
75) Carbazole	17.43	167	1696735	21.363	ng/ul	99
76) Di-n-butylphthalate	18.01	149	1882792	18.494	ng/ul	100
77) Fluoranthene	19.05	202	2267039	20.629	ng/ul	99
80) Pyrene	19.40	202	2318124	20.685	ng/ul	100
81) Butylbenzylphthalate	20.29	149	847177	18.632	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.04	252	658763	17.529	ng/ul	98
83) Benzo(a)anthracene	21.10	228	2356383	21.160	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.06	149	1263286	18.931	ng/ul	98
85) Chrysene	21.16	228	2179113	20.512	ng/ul	99
87) Di-n-octyl phthalate	21.92	149	2105021	18.986	ng/ul	100
88) Benzo(b)fluoranthene	22.66	252	2427153	20.588	ng/ul	99
89) Benzo(k)fluoranthene	22.71	252	2354045	20.400	ng/ul	100
91) Benzo(a)pyrene	23.23	252	2288004	21.379	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.55	276	2744626	19.787	ng/ul	99
93) Dibenzo(a,h)anthracene	25.56	278	2274839	19.835	ng/ul	99
94) Benzo(g,h,i)perylene	26.23	276	2325105	19.857	ng/ul	97

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

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