Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022020\
Data File : BP001796.D
Acq On : 20 Feb 2020 11:03
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTD02086

Quant Time: Feb 21 06:35:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 19 02:37:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	402713	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1637922	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	1003488	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	2173476	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	2209251	20.00	ng/ul	0.00
86) Perylene-d12	23.35	264	2350309	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	76405	7.88	ng/uL	0.00
5) Phenol-d5	6.83	99	642862	21.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	361120	20.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	543769	22.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	513093	21.26	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	246892	22.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	240930	24.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	540711	22.68	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	610872	21.66	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	1500819	21.31	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	1916630	22.10	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	265632	21.66	ng/ul	0.00
58) Fluorene-d10	15.29	176	1354411	21.39	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	156793	18.30	ng/ul	0.00
71) Anthracene-d10	17.15	188	2063175	21.55	ng/ul	0.00
79) Pyrene-d10	19.39	212	2305232	20.33	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.21	264	2493944	21.97	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	80421	7.733	ng/uL	98
4) Benzaldehyde	6.80	77	421052	22.605	ng/ul	100
6) Phenol	6.86	94	674909	20.930	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.09	93	539239	20.737	ng/ul	99
10) 2-Chlorophenol	7.23	128	564184	21.688	ng/ul	100
11) 2-Methylphenol	8.10	108	514629	21.080	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.19	45	630192	20.340	ng/ul	99
14) Acetophenone	8.47	105	790898	21.206	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.46	70	376178	21.754	ng/ul	99
16) 4-Methylphenol	8.43	108	552695	21.026	ng/ul	99
17) Hexachloroethane	8.73	117	219288	21.191	ng/ul	95
20) Nitrobenzene	8.84	77	582108	21.179	ng/ul	97
21) Isophorone	9.37	82	1099409	21.763	ng/ul	99
23) 2-Nitrophenol	9.55	139	279193	23.237	ng/ul	98
24) 2,4-Dimethylphenol	9.62	107	579250	21.466	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.86	93	701517	20.521	ng/ul	99
27) 2,4-Dichlorophenol	10.08	162	541141	22.112	ng/ul	99
28) Naphthalene	10.48	128	1823002	20.827	ng/ul	100
30) 4-Chloroaniline	10.59	127	618240	21.690	ng/ul	100
31) Hexachlorobutadiene	10.79	225	364718	21.076	ng/ul	99
32) Caprolactam	11.32	113	163563	22.121	ng/ul	98
33) 4-Chloro-3-methylphenol	11.72	107	519715	22.304	ng/ul	97
34) 2-Methylnaphthalene	12.10	142	1266232	20.986	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.32	142	1249426	21.012 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.47	216	693049	21.203 ng/ul	98
38) Hexachlorocyclopentadiene	12.47	237	337773	19.131 ng/ul	99
39) 2,4,6-Trichlorophenol	12.72	196	412332	23.602 ng/ul	99
40) 2,4,5-Trichlorophenol	12.79	196	449369	23.363 ng/ul	99
41) 1,1'-Biphenyl	13.12	154	1631647	20.856 ng/ul	99
42) 2-Chloronaphthalene	13.16	162	1294055	20.950 ng/ul	100
43) 2-Nitroaniline	13.36	65	287781	23.210 ng/ul	94
45) Dimethylphthalate	13.76	163	1569344	21.173 ng/ul	100
46) 2,6-Dinitrotoluene	13.86	165	302218	23.397 ng/ul	96
48) Acenaphthylene	14.01	152	2044652	21.735 ng/ul	99
49) 3-Nitroaniline	14.19	138	295609	22.479 ng/ul	95
50) Acenaphthene	14.36	153	1353425	21.055 ng/ul	99
51) 2,4-Dinitrophenol	14.40	184	90823	16.944 ng/ul	95
53) 4-Nitrophenol	14.50	109	192037	21.153 ng/ul	95
54) Dibenzofuran	14.69	168	1917047	21.176 ng/ul	99
55) 2,4-Dinitrotoluene	14.66	165	435832	22.916 ng/ul	93
56) 2,3,4,6-Tetrachlorophenol	14.92	232	374515	24.092 ng/ul	98
57) Diethylphthalate	15.13	149	1536079	21.675 ng/ul	99
59) Fluorene	15.35	166	1548845	21.506 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.35	204	800189	21.410 ng/ul	98
61) 4-Nitroaniline	15.35	138	347820	23.425 ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.42	198	176866	18.508 ng/ul	99
65) N-Nitrosodiphenylamine	15.56	169	1331085	21.360 ng/ul	99
66) 4-Bromophenyl-phenylether	16.25	248	505775	21.201 ng/ul	99
67) Hexachlorobenzene	16.36	284	578223	21.003 ng/ul	98
68) Atrazine	16.52	200	483151	21.505 ng/ul	98
69) Pentachlorophenol	16.70	266	292508	21.946 ng/ul	99
70) Phenanthrene	17.09	178	2514525	20.978 ng/ul	100
72) Anthracene	17.17	178	2560650	21.627 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.09	216	740707	20.788 ng/uL	99
74) Pentachlorobenzene	14.62	250	727157	20.938 ng/uL	100
75) Carbazole	17.45	167	2228902	22.573 ng/ul	99
76) Di-n-butylphthalate	18.03	149	2537419	23.352 ng/ul	99
77) Fluoranthene	19.06	202	2982889	23.239 ng/ul	99
80) Pyrene	19.42	202	3087774	20.548 ng/ul	99
81) Butylbenzylphthalate	20.30	149	1113082	23.859 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.06	252	931956	19.506 ng/ul	99
83) Benzo(a)anthracene	21.12	228	2962785	20.365 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.08	149	1725259	22.320 ng/ul#	97
85) Chrysene	21.17	228	2854131	20.081 ng/ul	99
87) Di-n-octyl phthalate	21.95	149	2895059	24.596 ng/ul	100
88) Benzo(b)fluoranthene	22.69	252	3068402	22.187 ng/ul	99
89) Benzo(k)fluoranthene	22.73	252	3014835	21.031 ng/ul	100
91) Benzo(a)pyrene	23.26	252	2802463	21.623 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.59	276	3531224	21.811 ng/ul	100
93) Dibenzo(a,h)anthracene	25.60	278	2955284	21.734 ng/ul	100
94) Benzo(g,h,i)perylene	26.26	276	2950887	21.441 ng/ul	98

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

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