Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021920\
Data File : BP001774.D
Acq On : 19 Feb 2020 12:42
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTD02083

Quant Time: Feb 19 15:38:29 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	350218	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1423715	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	888523	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	1924725	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	2054288	20.00	ng/ul	0.00
86) Perylene-d12	23.35	264	2181939	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	68874	8.17	ng/uL	0.00
5) Phenol-d5	6.83	99	528796	19.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	322175	20.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	448148	20.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	423719	20.19	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	194749	20.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	177207	20.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	438114	21.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	511352	20.86	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	1332650	21.37	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	1651392	21.51	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	218403	20.12	ng/ul	0.00
58) Fluorene-d10	15.29	176	1198340	21.37	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	138940	18.31	ng/ul	0.00
71) Anthracene-d10	17.14	188	1822474	21.49	ng/ul	0.00
79) Pyrene-d10	19.39	212	2062732	19.57	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.20	264	2224854	21.11	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	73476	8.124	ng/uL	98
4) Benzaldehyde	6.80	77	344099	21.243	ng/ul	99
6) Phenol	6.86	94	574955	20.503	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.09	93	471576	20.853	ng/ul	99
10) 2-Chlorophenol	7.23	128	477872	21.124	ng/ul	99
11) 2-Methylphenol	8.10	108	423617	19.953	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.19	45	565877	21.002	ng/ul	99
14) Acetophenone	8.47	105	687811	21.207	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.46	70	317623	21.121	ng/ul	99
16) 4-Methylphenol	8.42	108	472762	20.681	ng/ul	96
17) Hexachloroethane	8.73	117	185998	20.668	ng/ul	97
20) Nitrobenzene	8.84	77	496250	20.772	ng/ul	96
21) Isophorone	9.37	82	910849	20.744	ng/ul	99
23) 2-Nitrophenol	9.55	139	219883	21.054	ng/ul	99
24) 2,4-Dimethylphenol	9.62	107	494014	21.062	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.86	93	616633	20.751	ng/ul	99
27) 2,4-Dichlorophenol	10.08	162	452040	21.250	ng/ul	99
28) Naphthalene	10.48	128	1589258	20.889	ng/ul	99
30) 4-Chloroaniline	10.59	127	530679	21.420	ng/ul	100
31) Hexachlorobutadiene	10.79	225	311893	20.735	ng/ul	98
32) Caprolactam	11.32	113	120884	18.809	ng/ul	99
33) 4-Chloro-3-methylphenol	11.72	107	436142	21.533	ng/ul	99
34) 2-Methylnaphthalene	12.10	142	1106086	21.090	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.32	142	1096400	21.213 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.48	216	602278	20.811 ng/ul	99
38) Hexachlorocyclopentadiene	12.47	237	298583	19.100 ng/ul	99
39) 2,4,6-Trichlorophenol	12.72	196	329481	21.300 ng/ul	100
40) 2,4,5-Trichlorophenol	12.78	196	369397	21.690 ng/ul	99
41) 1,1'-Biphenyl	13.12	154	1458363	21.053 ng/ul	99
42) 2-Chloronaphthalene	13.16	162	1142496	20.889 ng/ul	99
43) 2-Nitroaniline	13.36	65	232158	21.146 ng/ul	95
45) Dimethylphthalate	13.76	163	1411778	21.512 ng/ul	100
46) 2,6-Dinitrotoluene	13.86	165	247892	21.675 ng/ul	95
48) Acenaphthylene	14.01	152	1800435	21.615 ng/ul	100
49) 3-Nitroaniline	14.19	138	237489	20.396 ng/ul	95
50) Acenaphthene	14.36	153	1208160	21.227 ng/ul	100
51) 2,4-Dinitrophenol	14.39	184	78562	16.553 ng/ul	96
53) 4-Nitrophenol	14.50	109	165434	20.580 ng/ul	96
54) Dibenzofuran	14.69	168	1714290	21.386 ng/ul	99
55) 2,4-Dinitrotoluene	14.65	165	368535	21.885 ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.92	232	305592	22.202 ng/ul	99
57) Diethylphthalate	15.13	149	1347507	21.474 ng/ul	99
59) Fluorene	15.35	166	1403736	22.013 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.35	204	723465	21.862 ng/ul	99
61) 4-Nitroaniline	15.35	138	292295	22.233 ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.42	198	158116	18.684 ng/ul	96
65) N-Nitrosodiphenylamine	15.56	169	1178941	21.364 ng/ul	100
66) 4-Bromophenyl-phenylether	16.25	248	441498	20.899 ng/ul	99
67) Hexachlorobenzene	16.36	284	514349	21.097 ng/ul	98
68) Atrazine	16.52	200	413733	20.795 ng/ul	99
69) Pentachlorophenol	16.70	266	222809	18.877 ng/ul	99
70) Phenanthrene	17.09	178	2275239	21.435 ng/ul	100
72) Anthracene	17.17	178	2290986	21.850 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.09	216	640855	20.311 ng/uL	98
74) Pentachlorobenzene	14.62	250	637753	20.737 ng/uL	100
75) Carbazole	17.45	167	1967655	22.503 ng/ul	99
76) Di-n-butylphthalate	18.03	149	2103140	21.856 ng/ul	99
77) Fluoranthene	19.06	202	2634987	23.182 ng/ul	98
80) Pyrene	19.42	202	2810413	20.113 ng/ul	98
81) Butylbenzylphthalate	20.30	149	827473	19.075 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.06	252	784775	17.665 ng/ul	98
83) Benzo(a)anthracene	21.12	228	2739454	20.250 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.07	149	1451206	20.191 ng/ul	100
85) Chrysene	21.17	228	2636674	19.951 ng/ul	100
87) Di-n-octyl phthalate	21.95	149	2173633	19.892 ng/ul	100
88) Benzo(b)fluoranthene	22.68	252	2753585	21.447 ng/ul	100
89) Benzo(k)fluoranthene	22.73	252	2791568	20.976 ng/ul	99
91) Benzo(a)pyrene	23.25	252	2571626	21.373 ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.58	276	3184448	21.187 ng/ul	100
93) Dibenzo(a,h)anthracene	25.59	278	2680001	21.230 ng/ul	99
94) Benzo(g,h,i)perylene	26.26	276	2677282	20.954 ng/ul	98

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

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