Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP100919\
Data File : BP000573.D
Acq On : 09 Oct 2019 16:34
Operator : JU
Sample : SSTD16013
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTD16013

Quant Time: Oct 09 17:08:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 09 15:55:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	214062	20.00	ng/ul	0.00
18) Naphthalene-d8	8.04	136	811995	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.80	164	452376	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.30	188	829815	20.00	ng/ul	0.00
78) Chrysene-d12	13.99	240	570230	20.00	ng/ul	0.02
86) Perylene-d12	15.46	264	756843	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.39	96	340990	60.41	ng/uL	0.02
5) Phenol-d5	6.41	99	2559327	148.31	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.45	67	1293696	148.84	ng/ul	0.02
9) 2-Chlorophenol-d4	6.53	132	2072012	141.71	ng/ul	0.01
13) 4-Methylphenol-d8	7.16	113	1876751	142.97	ng/ul	0.03
19) Nitrobenzene-d5	7.33	128	1027079	157.84	ng/ul	0.02
22) 2-Nitrophenol-d4	7.65	143	1135307	162.36	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	7.90	165	1779691	134.26	ng/ul	0.01
29) 4-Chloroaniline-d4	8.11	131	2001342	131.17	ng/ul	0.01
44) Dimethylphthalate-d6	9.51	166	4411982	134.17	ng/ul	0.02
47) Acenaphthylene-d8	9.66	160	4894733	120.83	ng/ul	0.01
52) 4-Nitrophenol-d4	9.95	143	835119	163.51	ng/ul	0.04
58) Fluorene-d10	10.33	176	3397358	121.51	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	10.42	200	749280	178.02	ng/ul	0.03
71) Anthracene-d10	11.37	188	4678409	117.06	ng/ul	0.02
79) Pyrene-d10	12.75	212	5005518	146.88	ng/ul	0.01
90) Benzo(a)pyrene-d12	15.38	264	5575944	142.07	ng/ul	0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	2.45	88	350892	62.204	ng/uL	97
4) Benzaldehyde	6.31	77	1493442	196.026	ng/ul	94
6) Phenol	6.43	94	2385236	135.291	ng/ul	95
8) Bis(2-Chloroethyl)ether	6.50	93	1906808	138.445	ng/ul	99
10) 2-Chlorophenol	6.55	128	2046280	132.127	ng/ul	97
11) 2-Methylphenol	7.02	108	1928113	141.183	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.04	45	1581114	126.808	ng/ul	94
14) Acetophenone	7.18	105	2488418	127.240	ng/ul	96
15) N-Nitroso-di-n-propylamine	7.18	70	185625	20.795	ng/ul	93
16) 4-Methylphenol	7.19	108	1646402	124.760	ng/ul	94
17) Hexachloroethane	7.27	117	780405	130.357	ng/ul	98
20) Nitrobenzene	7.35	77	1889085	134.775	ng/ul#	87
21) Isophorone	7.60	82	3993507	146.069	ng/ul	98
23) 2-Nitrophenol	7.67	139	1136622	146.094	ng/ul	93
24) 2,4-Dimethylphenol	7.71	107	2038528	134.386	ng/ul	99
25) Bis(2-Chloroethoxy)methane	7.80	93	2380063	134.058	ng/ul	98
27) 2,4-Dichlorophenol	7.91	162	1649780	126.118	ng/ul	97
28) Naphthalene	8.07	128	4943738	113.900	ng/ul	95
30) 4-Chloroaniline	8.12	127	1912016	121.698	ng/ul	99
31) Hexachlorobutadiene	8.19	225	1063703	126.446	ng/ul	99
32) Caprolactam	8.43	113	7139	1.715	ng/ul	96
33) 4-Chloro-3-methylphenol	8.62	107	1845820	140.346	ng/ul	96
34) 2-Methylnaphthalene	8.76	142	3388470	112.737	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	8.86	142	3276268	115.200 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	8.93	216	1758631	116.306 ng/ul	98
38) Hexachlorocyclopentadiene	8.92	237	937973	206.428 ng/ul	98
39) 2,4,6-Trichlorophenol	9.05	196	1322490	141.485 ng/ul	99
40) 2,4,5-Trichlorophenol	9.09	196	1361417	135.183 ng/ul	99
41) 1,1'-Biphenyl	9.23	154	3661683	101.116 ng/ul	94
42) 2-Chloronaphthalene	9.26	162	3277520	114.572 ng/ul	97
43) 2-Nitroaniline	9.36	65	930485	142.095 ng/ul#	75
45) Dimethylphthalate	9.53	163	4052160	121.859 ng/ul	97
46) 2,6-Dinitrotoluene	9.60	165	1049652	155.192 ng/ul	93
48) Acenaphthylene	9.68	152	4389995	103.014 ng/ul	95
49) 3-Nitroaniline	9.77	138	947248	138.276 ng/ul	93
50) Acenaphthene	9.85	153	3279325	111.362 ng/ul	99
51) 2,4-Dinitrophenol	9.88	184	523855	199.293 ng/ul	96
53) 4-Nitrophenol	9.95	109	539301	152.452 ng/ul	92
54) Dibenzofuran	10.02	168	4304493	104.860 ng/ul	94
55) 2,4-Dinitrotoluene	10.01	165	1262627	136.988 ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	10.15	232	1065765	146.173 ng/ul#	89
57) Diethylphthalate	10.25	149	3879449	119.700 ng/ul	96
59) Fluorene	10.37	166	3089347	97.887 ng/ul	98
60) 4-Chlorophenyl-phenylether	10.36	204	1646011	101.708 ng/ul	95
61) 4-Nitroaniline	10.41	138	1146953	167.974 ng/ul	95
64) 4,6-Dinitro-2-methylphenol	10.43	198	752642	165.456 ng/ul	99
65) N-Nitrosodiphenylamine	10.48	169	3157766	112.543 ng/ul	96
66) 4-Bromophenyl-phenylether	10.85	248	1331457	130.320 ng/ul	98
67) Hexachlorobenzene	10.92	284	1399733	129.708 ng/ul	97
68) Atrazine	11.02	200	1325734	138.627 ng/ul	98
69) Pentachlorophenol	11.12	266	800894	180.940 ng/ul	98
70) Phenanthrene	11.33	178	5418600	113.366 ng/ul	95
72) Anthracene	11.39	178	4846005	100.521 ng/ul	95
73) 1,2,3,4-Tetrachlorobenzene	9.22	216	1850477	124.732 ng/uL	99
74) Pentachlorobenzene	9.98	250	1715058	124.690 ng/uL	98
75) Carbazole	11.55	167	5060413	122.834 ng/ul	95
76) Di-n-butylphthalate	11.88	149	5555670	110.768 ng/ul#	97
77) Fluoranthene	12.54	202	5795713	120.019 ng/ul	98
80) Pyrene	12.77	202	5134278	118.698 ng/ul	99
81) Butylbenzylphthalate	13.39	149	2859159	156.259 ng/ul	98
82) 3,3'-Dichlorobenzidine	13.94	252	2248648	156.114 ng/ul	99
83) Benzo(a)anthracene	13.97	228	4838093	119.205 ng/ul	96
84) Bis(2-ethylhexyl)phthalate	13.96	149	2681068	112.999 ng/ul#	97
85) Chrysene	14.02	228	4737659	125.328 ng/ul	95
87) Di-n-octyl phthalate	14.59	149	5796874	125.203 ng/ul	100
88) Benzo(b)fluoranthene	15.04	252	6711941	138.353 ng/ul	99
89) Benzo(k)fluoranthene	15.04	252	6711941	149.360 ng/ul	99
91) Benzo(a)pyrene	15.42	252	5613829	124.088 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	16.96	276	7630680	144.678 ng/ul	97
93) Dibenzo(a,h)anthracene	16.99	278	5923879	137.214 ng/ul	99
94) Benzo(g,h,i)perylene	17.41	276	6630944	150.355 ng/ul	99

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

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