Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112719\
Data File : BM023915.D
Acq On : 27 Nov 2019 16:45
Operator : JU
Sample : SSTD16001
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD160010

Quant Time: Nov 27 17:19:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 27 15:25:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	326962	20.00	ng/ul	0.00
18) Naphthalene-d8	10.27	136	1372401	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.16	164	871314	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.91	188	1806797	20.00	ng/ul	0.00
78) Chrysene-d12	21.12	240	1699225	20.00	ng/ul	0.00
86) Perylene-d12	23.26	264	2065049	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	469820	59.23	ng/uL	0.00
5) Phenol-d5	6.69	99	4637660	155.60	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.85	67	2601952	151.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	3611498	167.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	3608221	151.76	ng/ul	0.02
19) Nitrobenzene-d5	8.65	128	1781257	181.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.37	143	2112961	204.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.90	165	3872741	164.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.42	131	3256626	125.97	ng/ul	0.00
44) Dimethylphthalate-d6	13.59	166	10651328	156.75	ng/ul	0.01
47) Acenaphthylene-d8	13.85	160	12373077	159.56	ng/ul	0.01
52) 4-Nitrophenol-d4	14.41	143	2026682	174.73	ng/ul	0.03
58) Fluorene-d10	15.16	176	8942227	149.03	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.32	200	2061770	197.27	ng/ul	0.02
71) Anthracene-d10	17.02	188	13048233	152.24	ng/ul	0.01
79) Pyrene-d10	19.32	212	13373975	150.95	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.14	264	17334271	159.52	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.06	88	488100	57.430	ng/uL	96
4) Benzaldehyde	6.65	77	1272012	72.749	ng/ul	99
6) Phenol	6.72	94	5051058	164.512	ng/ul	100
8) Bis(2-Chloroethyl)ether	6.94	93	3847676	163.626	ng/ul	99
10) 2-Chlorophenol	7.07	128	4006246	179.930	ng/ul	98
11) 2-Methylphenol	7.95	108	3795393	165.615	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.03	45	4048692	176.484	ng/ul	99
14) Acetophenone	8.33	105	5752049	155.124	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.34	70	3104367	159.357	ng/ul	97
16) 4-Methylphenol	8.30	108	4071565	160.455	ng/ul	99
17) Hexachloroethane	8.56	117	1605660	181.773	ng/ul	90
20) Nitrobenzene	8.70	77	4429653	170.549	ng/ul	97
21) Isophorone	9.23	82	8573775	169.216	ng/ul	98
23) 2-Nitrophenol	9.40	139	2346481	204.319	ng/ul	97
24) 2,4-Dimethylphenol	9.47	107	4451165	169.602	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.70	93	5265140	165.589	ng/ul	100
27) 2,4-Dichlorophenol	9.93	162	4009412	177.048	ng/ul	98
28) Naphthalene	10.32	128	11990081	166.220	ng/ul	98
30) 4-Chloroaniline	10.44	127	3632987	136.714	ng/ul	99
31) Hexachlorobutadiene	10.60	225	2446105	159.971	ng/ul	99
32) Caprolactam	11.27	113	662088	90.218	ng/ul	96
33) 4-Chloro-3-methylphenol	11.59	107	4211126	167.535	ng/ul	99
34) 2-Methylnaphthalene	11.95	142	8944457	162.095	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.17	142	8034045	147.626 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.33	216	4721408	165.839 ng/ul	98
38) Hexachlorocyclopentadiene	12.30	237	2843628	190.678 ng/ul	99
39) 2,4,6-Trichlorophenol	12.58	196	3263350	185.900 ng/ul	99
40) 2,4,5-Trichlorophenol	12.66	196	3474928	181.762 ng/ul	98
41) 1,1'-Biphenyl	12.99	154	11583324	172.331 ng/ul	98
42) 2-Chloronaphthalene	13.02	162	8947937	172.954 ng/ul	98
43) 2-Nitroaniline	13.24	65	2619493	212.871 ng/ul	93
45) Dimethylphthalate	13.63	163	11132870	167.191 ng/ul	99
46) 2,6-Dinitrotoluene	13.76	165	2575375	212.344 ng/ul	92
48) Acenaphthylene	13.87	152	12964931	166.080 ng/ul	97
49) 3-Nitroaniline	14.09	138	2121481	184.065 ng/ul	95
50) Acenaphthene	14.23	153	9545395	172.303 ng/ul	99
51) 2,4-Dinitrophenol	14.30	184	1639764	214.451 ng/ul	95
53) 4-Nitrophenol	14.42	109	1539363	164.457 ng/ul	98
54) Dibenzofuran	14.56	168	13011511	158.662 ng/ul	94
55) 2,4-Dinitrotoluene	14.56	165	3603609	194.400 ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.80	232	3151473	174.159 ng/ul	99
57) Diethylphthalate	15.02	149	11379666	174.159 ng/ul	95
59) Fluorene	15.22	166	10884810	163.601 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.22	204	5686677	158.389 ng/ul	96
61) 4-Nitroaniline	15.27	138	2472563	175.146 ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.33	198	2341737	206.057 ng/ul	99
65) N-Nitrosodiphenylamine	15.44	169	9746317	183.857 ng/ul	97
66) 4-Bromophenyl-phenylether	16.11	248	4016399	181.894 ng/ul	97
67) Hexachlorobenzene	16.23	284	4532896	174.242 ng/ul	94
68) Atrazine	16.41	200	3182829	160.278 ng/ul	99
69) Pentachlorophenol	16.57	266	2803343	181.749 ng/ul	99
70) Phenanthrene	16.95	178	14966444	150.385 ng/ul	95
72) Anthracene	16.95	178	14966444	149.558 ng/ul	93
73) 1,2,3,4-Tetrachlorobenzene	12.95	216	4236695	165.398 ng/uL	97
74) Pentachlorobenzene	14.49	250	4623818	163.377 ng/uL	99
75) Carbazole	17.32	167	14108205	169.124 ng/ul#	88
76) Di-n-butylphthalate	17.89	149	14031018	152.530 ng/ul#	93
77) Fluoranthene	18.97	202	14983842	140.529 ng/ul	95
80) Pyrene	19.34	202	14250799	129.748 ng/ul#	85
81) Butylbenzylphthalate	20.27	149	8592700	247.010 ng/ul	93
82) 3,3'-Dichlorobenzidine	21.04	252	7497319	210.241 ng/ul	97
83) Benzo(a)anthracene	21.10	228	15172361	135.367 ng/ul	93
84) Bis(2-ethylhexyl)phthalate	21.05	149	10906354	207.649 ng/ul#	86
85) Chrysene	21.10	228	15172361	143.789 ng/ul	96
87) Di-n-octyl phthalate	21.90	149	2673253	26.486 ng/ul	100
88) Benzo(b)fluoranthene	22.63	252	19165431	145.590 ng/ul#	89
89) Benzo(k)fluoranthene	22.67	252	1678134	13.232 ng/ul#	89
92) Indeno(1,2,3-cd)pyrene	25.44	276	25997121	201.743 ng/ul	96
93) Dibenzo(a,h)anthracene	25.44	278	21430189	197.055 ng/ul	95
94) Benzo(g,h,i)perylene	26.08	276	21625562	207.100 ng/ul	99

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

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