Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061419\
Data File : BM020942.D
Acq On : 14 Jun 2019 13:44
Operator : HP/JU
Sample : SSTD04020
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD04020

Quant Time: Jun 14 14:17:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 14 13:40:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	68846	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	263946	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	147494	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	326276	20.00	ng/ul	0.00
77) Chrysene-d12	21.36	240	329538	20.00	ng/ul	0.00
85) Perylene-d12	23.64	264	366434	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	25530	17.68	ng/uL	0.00
5) Phenol-d5	6.96	99	219877	41.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	137742	43.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	189544	45.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	173828	41.02	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	85831	47.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	90667	48.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	188186	48.65	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	196777	42.24	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	521814	47.83	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	655139	47.36	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	77278	41.28	ng/ul	0.00
57) Fluorene-d10	15.43	176	455789	49.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	62882	37.69	ng/ul	0.00
70) Anthracene-d10	17.28	188	686654	48.18	ng/ul	0.00
78) Pyrene-d10	19.57	212	742119	46.59	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.49	264	883174	53.03	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	26276	17.325	ng/uL#	92
4) Benzaldehyde	6.95	77	106015	26.712	ng/ul	96
6) Phenol	6.99	94	210838	38.882	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.23	93	167218	39.746	ng/ul	98
10) 2-Chlorophenol	7.36	128	179243	41.536	ng/ul	97
11) 2-Methylphenol	8.23	108	155482	38.589	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.33	45	209131	37.919	ng/ul	99
14) Acetophenone	8.62	105	258217	39.429	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.60	70	125116	36.292	ng/ul	96
16) 4-Methylphenol	8.56	108	165220	37.493	ng/ul	99
17) Hexachloroethane	8.87	117	77612	42.771	ng/ul	99
20) Nitrobenzene	9.00	77	194196	42.816	ng/ul	96
21) Isophorone	9.52	82	331241	39.526	ng/ul	99
23) 2-Nitrophenol	9.70	139	92386	44.429	ng/ul	95
24) 2,4-Dimethylphenol	9.76	107	189753	42.454	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.00	93	211325	40.645	ng/ul	98
27) 2,4-Dichlorophenol	10.23	162	171168	44.744	ng/ul	97
28) Naphthalene	10.63	128	545757	44.025	ng/ul	99
30) 4-Chloroaniline	10.75	127	188557	39.584	ng/ul	100
31) Hexachlorobutadiene	10.91	225	124048	47.872	ng/ul	99
32) Caprolactam	11.55	113	37405	33.563	ng/ul	96
33) 4-Chloro-3-methylphenol	11.87	107	159801	40.481	ng/ul	99
34) 2-Methylnaphthalene	12.25	142	393126	43.175	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	224220	46.911 ng/ul	97
37) Hexachlorocyclopentadiene	12.59	237	126187	42.544 ng/ul	95
38) 2,4,6-Trichlorophenol	12.86	196	129977	45.278 ng/ul	98
39) 2,4,5-Trichlorophenol	12.93	196	138755	44.505 ng/ul	98
40) 1,1'-Biphenyl	13.26	154	502093	43.866 ng/ul	98
41) 2-Chloronaphthalene	13.30	162	399750	45.380 ng/ul	100
42) 2-Nitroaniline	13.52	65	90185	39.427 ng/ul	97
44) Dimethylphthalate	13.89	163	474325	43.419 ng/ul	99
45) 2,6-Dinitrotoluene	14.02	165	86931	42.423 ng/ul	98
47) Acenaphthylene	14.16	152	564374	42.167 ng/ul	98
48) 3-Nitroaniline	14.35	138	75174	38.115 ng/ul	98
49) Acenaphthene	14.50	153	412827	44.186 ng/ul	99
50) 2,4-Dinitrophenol	14.56	184	28400	25.857 ng/ul	95
52) 4-Nitrophenol	14.65	109	59806	38.965 ng/ul	95
53) Dibenzofuran	14.83	168	583292	44.135 ng/ul	100
54) 2,4-Dinitrotoluene	14.81	165	127284	42.966 ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.06	232	113807	43.445 ng/ul	94
56) Diethylphthalate	15.26	149	453336	41.547 ng/ul	100
58) Fluorene	15.49	166	470467	44.342 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.48	204	252167	44.611 ng/ul	99
60) 4-Nitroaniline	15.51	138	79240	35.380 ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.56	198	65240	36.811 ng/ul#	96
64) N-Nitrosodiphenylamine	15.70	169	398999	43.493 ng/ul	99
65) 4-Bromophenyl-phenylether	16.37	248	156851	45.082 ng/ul	97
66) Hexachlorobenzene	16.48	284	182566	46.146 ng/ul	98
67) Atrazine	16.65	200	138954	41.101 ng/ul	96
68) Pentachlorophenol	16.83	266	74483	32.676 ng/ul	98
69) Phenanthrene	17.22	178	740374	45.088 ng/ul	100
71) Anthracene	17.32	178	754346	44.817 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.23	216	219313	45.341 ng/uL	98
73) Pentachlorobenzene	14.75	250	216377	47.497 ng/uL	99
74) Carbazole	17.59	167	630370	43.066 ng/ul	99
75) Di-n-butylphthalate	18.14	149	727274	39.744 ng/ul	99
76) Fluoranthene	19.24	202	854771	45.424 ng/ul	98
79) Pyrene	19.60	202	889618	43.733 ng/ul	99
80) Butylbenzylphthalate	20.50	149	325256	39.231 ng/ul	98
81) 3,3'-Dichlorobenzidine	21.28	252	303362	41.532 ng/ul	98
82) Benzo(a)anthracene	21.34	228	896857	43.628 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.27	149	486992	34.829 ng/ul	99
84) Chrysene	21.40	228	854723	44.809 ng/ul	99
86) Di-n-octyl phthalate	22.16	149	823047	37.889 ng/ul	100
87) Benzo(b)fluoranthene	22.95	252	938158	44.011 ng/ul	99
88) Benzo(k)fluoranthene	23.00	252	906345	44.483 ng/ul	99
90) Benzo(a)pyrene	23.54	252	898227	44.291 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.94	276	1079903	45.085 ng/ul	99
92) Dibenzo(a,h)anthracene	25.96	278	905998	44.640 ng/ul	99
93) Benzo(g,h,i)perylene	26.65	276	900400	46.334 ng/ul	99

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

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