Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032819\
Data File : BM019538.D
Acq On : 28 Mar 2019 11:28
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02079

Quant Time: Mar 28 12:15:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 28 05:07:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	88604	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.36	136	421785	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.24	164	247108	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.00	188	548494	20.00	ng/ul	-0.01
78) Chrysene-d12	21.21	240	660105	20.00	ng/ul	-0.01
86) Perylene-d12	23.41	264	814190	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	16431	7.26	ng/uL	-0.02
5) Phenol-d5	6.77	99	155206	19.67	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.94	67	99491	18.83	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.12	132	124016	20.74	ng/ul	-0.02
13) 4-Methylphenol-d8	8.30	113	119268	20.14	ng/ul	-0.01
19) Nitrobenzene-d5	8.75	128	54168	18.00	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.46	143	62988	18.81	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.00	165	121941	19.30	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.53	131	151322	19.94	ng/ul	-0.01
44) Dimethylphthalate-d6	13.66	166	371394	18.63	ng/ul	-0.01
47) Acenaphthylene-d8	13.93	160	463919	18.61	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.49	143	54273	17.36	ng/ul	-0.01
58) Fluorene-d10	15.24	176	333708	19.43	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.39	200	60101	16.57	ng/ul	-0.02
71) Anthracene-d10	17.10	188	500789	19.03	ng/ul	-0.01
79) Pyrene-d10	19.41	212	537724	17.64	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.27	264	812938	18.83	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	17745	6.891	ng/uL	96
4) Benzaldehyde	6.75	77	114611	20.278	ng/ul	98
6) Phenol	6.79	94	163417	19.848	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.03	93	121669	19.316	ng/ul	97
10) 2-Chlorophenol	7.15	128	120036	19.746	ng/ul	99
11) 2-Methylphenol	8.03	108	115834	20.172	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.11	45	127396	21.337	ng/ul#	79
14) Acetophenone	8.42	105	187936	19.485	ng/ul	91
15) N-Nitroso-di-n-propylamine	8.39	70	113229	20.948	ng/ul#	86
16) 4-Methylphenol	8.36	108	128732	20.440	ng/ul	97
17) Hexachloroethane	8.63	117	50915	19.928	ng/ul#	78
20) Nitrobenzene	8.79	77	160562	17.927	ng/ul	94
21) Isophorone	9.31	82	290481	18.905	ng/ul	98
23) 2-Nitrophenol	9.50	139	68815	18.629	ng/ul	94
24) 2,4-Dimethylphenol	9.55	107	150456	18.744	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.80	93	167670	18.084	ng/ul	98
27) 2,4-Dichlorophenol	10.02	162	117985	18.896	ng/ul	96
28) Naphthalene	10.41	128	399690	18.292	ng/ul	99
30) 4-Chloroaniline	10.55	127	156709	19.617	ng/ul	100
31) Hexachlorobutadiene	10.67	225	68767	17.458	ng/ul	96
32) Caprolactam	11.36	113	35342	19.064	ng/ul	86
33) 4-Chloro-3-methylphenol	11.67	107	132124	19.631	ng/ul	98
34) 2-Methylnaphthalene	12.03	142	282720	18.466	ng/ul	98

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35) 1-Methylnaphthalene	12.26	142	276467	19.124	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.41	216	136668	17.381	ng/ul#	95
38) Hexachlorocyclopentadiene	12.36	237	71842	17.812	ng/ul#	98
39) 2,4,6-Trichlorophenol	12.66	196	92958	18.948	ng/ul	99
40) 2,4,5-Trichlorophenol	12.74	196	92110	17.507	ng/ul	99
41) 1,1'-Biphenyl	13.07	154	367378	17.456	ng/ul#	95
42) 2-Chloronaphthalene	13.11	162	287470	17.836	ng/ul	97
43) 2-Nitroaniline	13.34	65	82447	18.627	ng/ul	94
45) Dimethylphthalate	13.71	163	368928	18.442	ng/ul#	98
46) 2,6-Dinitrotoluene	13.84	165	70461	19.186	ng/ul	91
48) Acenaphthylene	13.96	152	453052	18.334	ng/ul	99
49) 3-Nitroaniline	14.19	138	70678	19.667	ng/ul	91
50) Acenaphthene	14.30	153	325339	18.694	ng/ul	99
51) 2,4-Dinitrophenol	14.41	184	31656	14.887	ng/ul#	84
53) 4-Nitrophenol	14.50	109	43167	17.647	ng/ul#	74
54) Dibenzofuran	14.64	168	466640	19.201	ng/ul	99
55) 2,4-Dinitrotoluene	14.64	165	112889	20.758	ng/ul#	50
56) 2,3,4,6-Tetrachlorophenol	14.87	232	85157	19.214	ng/ul#	71
57) Diethylphthalate	15.08	149	400313	20.344	ng/ul	95
59) Fluorene	15.30	166	375313	19.487	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.30	204	180089	18.744	ng/ul	90
61) 4-Nitroaniline	15.36	138	78665	20.053	ng/ul#	91
64) 4,6-Dinitro-2-methylphenol	15.40	198	63535	16.545	ng/ul#	84
65) N-Nitrosodiphenylamine	15.52	169	326327	19.123	ng/ul	97
66) 4-Bromophenyl-phenylether	16.19	248	109972	18.463	ng/ul#	90
67) Hexachlorobenzene	16.30	284	132119	18.317	ng/ul	91
68) Atrazine	16.48	200	112191	18.787	ng/ul	95
69) Pentachlorophenol	16.66	266	66038	17.517	ng/ul	98
70) Phenanthrene	17.04	178	593660	19.090	ng/ul	99
72) Anthracene	17.13	178	600627	18.931	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.03	216	134569	16.922	ng/uL	97
74) Pentachlorobenzene	14.56	250	144377	17.357	ng/uL	98
75) Carbazole	17.42	167	536614	18.859	ng/ul	97
76) Di-n-butylphthalate	17.97	149	656524	20.816	ng/ul	98
77) Fluoranthene	19.07	202	660476	18.534	ng/ul#	87
80) Pyrene	19.44	202	702053	17.678	ng/ul#	84
81) Butylbenzylphthalate	20.34	149	319059	20.291	ng/ul#	86
82) 3,3'-Dichlorobenzidine	21.14	252	286433	19.974	ng/ul#	98
83) Benzo(a)anthracene	21.19	228	754585	18.992	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.12	149	488561	21.436	ng/ul#	95
85) Chrysene	21.24	228	707510	18.558	ng/ul	99
87) Di-n-octyl phthalate	21.99	149	909432	17.907	ng/ul	100
88) Benzo(b)fluoranthene	22.75	252	893130	18.009	ng/ul#	96
89) Benzo(k)fluoranthene	22.80	252	855843	17.970	ng/ul#	97
91) Benzo(a)pyrene	23.32	252	881904	18.601	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.64	276	1226088	20.652	ng/ul#	87
93) Dibenzo(a,h)anthracene	25.64	278	1033295	20.415	ng/ul#	95
94) Benzo(g,h,i)perylene	26.31	276	1025953	20.679	ng/ul#	92

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

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