Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032219\
Data File : BM019311.D
Acq On : 22 Mar 2019 14:02
Operator : JU/SJ
Sample : SSTD02054
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02054

Quant Time: Mar 22 16:16:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 22 16:14:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	130966	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	548196	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	301476	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	643518	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	692724	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	728087	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	25778	8.42	ng/uL	0.00
5) Phenol-d5	6.80	99	215368	19.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	146691	21.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	170030	18.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	159366	18.64	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	72710	20.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	83792	25.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	157647	18.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	187983	18.71	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	454720	18.78	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	580633	18.57	ng/ul	0.00
52) 4-Nitrophenol-d4	14.51	143	62549	15.74	ng/ul	0.00
58) Fluorene-d10	15.27	176	392231	18.57	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	71172	26.94	ng/ul	0.00
71) Anthracene-d10	17.13	188	573628	18.48	ng/ul	0.00
79) Pyrene-d10	19.44	212	601564	17.90	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.32	264	718881	18.93	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	29659	9.306	ng/uL#	91
4) Benzaldehyde	6.78	77	165196	26.573	ng/ul	94
6) Phenol	6.82	94	226666	20.556	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.06	93	177966	20.963	ng/ul	98
10) 2-Chlorophenol	7.18	128	174942	19.320	ng/ul	99
11) 2-Methylphenol	8.06	108	154728	18.723	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.15	45	157361	11.721	ng/ul#	80
14) Acetophenone	8.45	105	258522	19.514	ng/ul#	92
15) N-Nitroso-di-n-propylamine	8.43	70	147875	22.306	ng/ul#	86
16) 4-Methylphenol	8.39	108	169344	19.386	ng/ul	100
17) Hexachloroethane	8.67	117	69260	19.473	ng/ul	85
20) Nitrobenzene	8.83	77	209101	22.949	ng/ul	97
21) Isophorone	9.34	82	365467	20.183	ng/ul	96
23) 2-Nitrophenol	9.53	139	91286	24.145	ng/ul	93
24) 2,4-Dimethylphenol	9.59	107	193524	19.837	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.83	93	226860	20.268	ng/ul	97
27) 2,4-Dichlorophenol	10.06	162	158600	19.836	ng/ul	97
28) Naphthalene	10.45	128	534491	18.962	ng/ul	98
30) 4-Chloroaniline	10.58	127	201311	20.027	ng/ul	99
31) Hexachlorobutadiene	10.71	225	98372	18.228	ng/ul	99
32) Caprolactam	11.40	113	41471	16.401	ng/ul#	77
33) 4-Chloro-3-methylphenol	11.71	107	162997	19.451	ng/ul	98
34) 2-Methylnaphthalene	12.07	142	372929	18.777	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.29	142	346797	17.461 ng/ul#	96
37) 1,2,4,5-Tetrachlorobenzene	12.44	216	183255	17.699 ng/ul#	95
38) Hexachlorocyclopentadiene	12.40	237	77706	12.054 ng/ul#	98
39) 2,4,6-Trichlorophenol	12.70	196	115590	19.605 ng/ul	97
40) 2,4,5-Trichlorophenol	12.77	196	121231	18.841 ng/ul	98
41) 1,1'-Biphenyl	13.10	154	479604	19.123 ng/ul#	96
42) 2-Chloronaphthalene	13.14	162	368017	18.750 ng/ul	98
43) 2-Nitroaniline	13.37	65	100854	23.326 ng/ul	92
45) Dimethylphthalate	13.74	163	456438	19.294 ng/ul#	99
46) 2,6-Dinitrotoluene	13.87	165	85505	23.532 ng/ul	95
48) Acenaphthylene	14.00	152	571066	19.297 ng/ul	99
49) 3-Nitroaniline	14.22	138	80843	20.460 ng/ul	98
50) Acenaphthene	14.34	153	393854	18.746 ng/ul	99
51) 2,4-Dinitrophenol	14.43	184	37364	22.988 ng/ul#	83
53) 4-Nitrophenol	14.53	109	49031	16.016 ng/ul#	77
54) Dibenzofuran	14.67	168	552037	19.150 ng/ul	98
55) 2,4-Dinitrotoluene	14.67	165	125778	23.540 ng/ul#	61
56) 2,3,4,6-Tetrachlorophenol	14.91	232	104182	20.018 ng/ul#	83
57) Diethylphthalate	15.11	149	446520	19.051 ng/ul	96
59) Fluorene	15.33	166	440022	18.580 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.33	204	218966	18.236 ng/ul	94
61) 4-Nitroaniline	15.39	138	85174	17.548 ng/ul	90
64) 4,6-Dinitro-2-methylphenol	15.43	198	77510	26.167 ng/ul#	85
65) N-Nitrosodiphenylamine	15.54	169	377913	18.985 ng/ul	99
66) 4-Bromophenyl-phenylether	16.22	248	130979	17.990 ng/ul	95
67) Hexachlorobenzene	16.33	284	156404	19.961 ng/ul	92
68) Atrazine	16.51	200	125775	17.878 ng/ul	96
69) Pentachlorophenol	16.69	266	72850	17.193 ng/ul	98
70) Phenanthrene	17.07	178	673579	18.844 ng/ul	100
72) Anthracene	17.17	178	692877	18.880 ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.06	216	177997	16.712 ng/uL	97
74) Pentachlorobenzene	14.59	250	182057	18.949 ng/uL	98
75) Carbazole	17.45	167	594604	18.432 ng/ul	98
76) Di-n-butylphthalate	18.00	149	686155	18.281 ng/ul	99
77) Fluoranthene	19.10	202	742666	18.125 ng/ul#	88
80) Pyrene	19.47	202	784045	18.433 ng/ul#	85
81) Butylbenzylphthalate	20.37	149	307785	19.566 ng/ul#	88
82) 3,3'-Dichlorobenzidine	21.17	252	282011	20.551 ng/ul	97
83) Benzo(a)anthracene	21.22	228	778855	18.162 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.14	149	446642	18.067 ng/ul#	95
85) Chrysene	21.27	228	737802	18.448 ng/ul	98
87) Di-n-octyl phthalate	22.02	149	803297	18.363 ng/ul	100
88) Benzo(b)fluoranthene	22.79	252	846933	19.434 ng/ul#	97
89) Benzo(k)fluoranthene	22.84	252	800370	19.126 ng/ul#	97
91) Benzo(a)pyrene	23.36	252	794482	19.126 ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.70	276	1008232	20.346 ng/ul#	88
93) Dibenzo(a,h)anthracene	25.71	278	854788	20.621 ng/ul#	95
94) Benzo(g,h,i)perylene	26.39	276	846285	20.596 ng/ul#	92

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

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