Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071918\
Data File : BM016011.D
Acq On : 20 Jul 2018 03:58
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02044

Manual Integrations APPROVED
Sohil
7/20/2018 4:05:04 PM

Quant Time: Jul 20 08:38:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 20 01:21:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	58026	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	291855	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.87	164	187313	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	437822m	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	527312	20.00	ng/ul	0.00
85) Perylene-d12	24.11	264	494852	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.49	96	9537	7.24	ng/uL	0.00
5) Phenol-d5	7.41	99	100518	18.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.57	67	62747	18.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.78	132	87126	20.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	89426	19.69	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	42625	20.34	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	50229	21.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	96313	20.87	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	128158	22.83	ng/ul	0.00
43) Dimethylphthalate-d6	14.28	166	324817	19.02	ng/ul	0.00
46) Acenaphthylene-d8	14.57	160	389927	20.02	ng/ul	0.00
51) 4-Nitrophenol-d4	15.09	143	54540	18.43	ng/ul	0.00
57) Fluorene-d10	15.86	176	276144	19.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.00	200	49129	16.81	ng/ul	0.00
70) Anthracene-d10	17.70	188	428032	19.10	ng/ul	0.00
78) Pyrene-d10	19.96	212	488681	19.99	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.96	264	530070	19.48	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	10025	7.798	ng/uL#	77
4) Benzaldehyde	7.39	77	71580	21.002	ng/ul	89
6) Phenol	7.43	94	102414	19.234	ng/ul#	69
8) Bis(2-Chloroethyl)ether	7.67	93	74808	19.026	ng/ul#	86
10) 2-Chlorophenol	7.81	128	85865	20.079	ng/ul	92
11) 2-Methylphenol	8.70	108	78925	19.273	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.77	45	115517	18.497	ng/ul#	91
14) Acetophenone	9.09	105	144837	19.195	ng/ul#	79
15) N-Nitroso-di-n-propylamine	9.07	70	76864	20.364	ng/ul#	66
16) 4-Methylphenol	9.03	108	90558	20.024	ng/ul	95
17) Hexachloroethane	9.33	117	39364	20.452	ng/ul	93
20) Nitrobenzene	9.48	77	116176	19.613	ng/ul#	87
21) Isophorone	10.00	82	209448	20.266	ng/ul#	97
23) 2-Nitrophenol	10.19	139	53548	20.940	ng/ul#	67
24) 2,4-Dimethylphenol	10.24	107	121440	20.764	ng/ul	93
25) Bis(2-Chloroethoxy)methane	10.47	93	115414	19.193	ng/ul	99
27) 2,4-Dichlorophenol	10.73	162	92732	20.525	ng/ul	97
28) Naphthalene	11.13	128	299624	19.371	ng/ul	99
30) 4-Chloroaniline	11.25	127	127244	22.731	ng/ul	98
31) Hexachlorobutadiene	11.39	225	63433	19.986	ng/ul	97
32) Caprolactam	12.04	113	30794	20.221	ng/ul#	69
33) 4-Chloro-3-methylphenol	12.36	107	110853	20.897	ng/ul	98
34) 2-Methylnaphthalene	12.72	142	224830	19.590	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.08	216	115499	19.867 ng/ul#	95
37) Hexachlorocyclopentadiene	13.04	237	36369	13.195 ng/ul	98
38) 2,4,6-Trichlorophenol	13.33	196	79711	21.234 ng/ul	98
39) 2,4,5-Trichlorophenol	13.40	196	82023	20.567 ng/ul	97
40) 1,1'-Biphenyl	13.72	154	304007	19.166 ng/ul	99
41) 2-Chloronaphthalene	13.76	162	237631	19.410 ng/ul	99
42) 2-Nitroaniline	13.98	65	82211	20.985 ng/ul#	74
44) Dimethylphthalate	14.33	163	323047	19.106 ng/ul	99
45) 2,6-Dinitrotoluene	14.47	165	61934	20.499 ng/ul#	65
47) Acenaphthylene	14.60	152	377670	19.803 ng/ul	99
48) 3-Nitroaniline	14.80	138	64278	20.662 ng/ul	95
49) Acenaphthene	14.94	153	265548	19.171 ng/ul	97
50) 2,4-Dinitrophenol	15.02	184	24282	14.544 ng/ul#	1
52) 4-Nitrophenol	15.10	109	69505	19.708 ng/ul#	73
53) Dibenzofuran	15.27	168	374563	18.949 ng/ul	88
54) 2,4-Dinitrotoluene	15.26	165	95936	19.784 ng/ul#	50
55) 2,3,4,6-Tetrachlorophenol	15.50	232	74477	20.501 ng/ul#	82
56) Diethylphthalate	15.67	149	352436	19.177 ng/ul	97
58) Fluorene	15.92	166	307343	19.191 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.90	204	153689	19.257 ng/ul	96
60) 4-Nitroaniline	15.96	138	69512	20.371 ng/ul#	59
63) 4,6-Dinitro-2-methylphenol	16.02	198	50160	16.762 ng/ul#	78
64) N-Nitrosodiphenylamine	16.12	169	264321	19.490 ng/ul	97
65) 4-Bromophenyl-phenylether	16.79	248	91002	19.287 ng/ul	93
66) Hexachlorobenzene	16.91	284	100541	19.085 ng/ul#	90
67) Atrazine	17.06	200	103713	19.162 ng/ul	96
68) Pentachlorophenol	17.26	266	53105	18.751 ng/ul	100
69) Phenanthrene	17.65	178	491304m	18.980 ng/ul	
71) Anthracene	17.74	178	509412	19.086 ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.69	216	122549	20.008 ng/uL	99
73) Pentachlorobenzene	15.19	250	115426	19.263 ng/uL	99
74) Carbazole	18.01	167	453495	18.748 ng/ul	97
75) Di-n-butylphthalate	18.53	149	610484	19.754 ng/ul#	98
76) Fluoranthene	19.63	202	594882	18.311 ng/ul#	95
79) Pyrene	19.99	202	609229	19.598 ng/ul#	93
80) Butylbenzylphthalate	20.84	149	307887	20.588 ng/ul	86
81) 3,3'-Dichlorobenzidine	21.63	252	219506	18.924 ng/ul	98
82) Benzo(a)anthracene	21.71	228	670223	19.659 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.59	149	456745	20.827 ng/ul	94
84) Chrysene	21.76	228	609193	19.103 ng/ul	99
86) Di-n-octyl phthalate	22.50	149	805654	20.786 ng/ul#	83
87) Benzo(b)fluoranthene	23.38	252	635662	20.025 ng/ul	98
88) Benzo(k)fluoranthene	23.43	252	620509	20.449 ng/ul	98
90) Benzo(a)pyrene	24.00	252	592032	19.397 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	26.55	276	593620	15.819 ng/ul#	93
92) Dibenzo(a,h)anthracene	26.55	278	508587	16.004 ng/ul	96
93) Benzo(g,h,i)perylene	27.30	276	456096	15.200 ng/ul#	93

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

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