Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071918\
Data File : BM015985.D
Acq On : 19 Jul 2018 12:04
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02042

Quant Time: Jul 19 18:24:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 18 01:01:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	45515	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	227234	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.88	164	143853	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	336697	20.00	ng/ul	0.00
77) Chrysene-d12	21.73	240	400488	20.00	ng/ul	0.00
85) Perylene-d12	24.11	264	404631	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.49	96	8264	7.99	ng/uL	0.00
5) Phenol-d5	7.41	99	73025	17.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.57	67	46567	17.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.78	132	63238	18.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	69158	19.42	ng/ul	0.00
19) Nitrobenzene-d5	9.45	128	32819	20.11	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	36342	19.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	69722	19.41	ng/ul	0.00
29) 4-Chloroaniline-d4	11.23	131	95822	21.92	ng/ul	0.00
43) Dimethylphthalate-d6	14.29	166	250943	19.14	ng/ul	0.00
46) Acenaphthylene-d8	14.58	160	296152	19.80	ng/ul	0.00
51) 4-Nitrophenol-d4	15.09	143	40335	17.75	ng/ul	0.00
57) Fluorene-d10	15.87	176	215505	19.37	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.00	200	37552	16.71	ng/ul	0.00
70) Anthracene-d10	17.71	188	330078	19.15	ng/ul	0.00
78) Pyrene-d10	19.97	212	365596	19.70	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.96	264	431910	19.41	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	8652	8.579	ng/uL#	77
4) Benzaldehyde	7.40	77	53030	19.836	ng/ul	86
6) Phenol	7.44	94	73102	17.503	ng/ul#	65
8) Bis(2-Chloroethyl)ether	7.67	93	55046	17.848	ng/ul#	86
10) 2-Chlorophenol	7.82	128	62995	18.780	ng/ul	93
11) 2-Methylphenol	8.70	108	61570	19.167	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.77	45	90679	18.511	ng/ul#	90
14) Acetophenone	9.10	105	113165	19.120	ng/ul#	75
15) N-Nitroso-di-n-propylamine	9.07	70	59542	20.110	ng/ul#	64
16) 4-Methylphenol	9.04	108	67976	19.162	ng/ul	97
17) Hexachloroethane	9.34	117	31084	20.590	ng/ul	87
20) Nitrobenzene	9.49	77	92036	19.956	ng/ul#	87
21) Isophorone	10.00	82	157543	19.579	ng/ul	96
23) 2-Nitrophenol	10.20	139	39483	19.831	ng/ul#	64
24) 2,4-Dimethylphenol	10.25	107	93846	20.609	ng/ul	89
25) Bis(2-Chloroethoxy)methane	10.48	93	89273	19.068	ng/ul	99
27) 2,4-Dichlorophenol	10.73	162	70663	20.088	ng/ul	98
28) Naphthalene	11.13	128	232076	19.271	ng/ul	99
30) 4-Chloroaniline	11.25	127	95231	21.850	ng/ul	100
31) Hexachlorobutadiene	11.39	225	48786	19.742	ng/ul	98
32) Caprolactam	12.04	113	21336	17.995	ng/ul#	60
33) 4-Chloro-3-methylphenol	12.36	107	83969	20.331	ng/ul	98
34) 2-Methylnaphthalene	12.72	142	174432	19.521	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.09	216	86807	19.443	ng/ul#	96
37) Hexachlorocyclopentadiene	13.05	237	33672	15.907	ng/ul	99
38) 2,4,6-Trichlorophenol	13.33	196	58691	20.358	ng/ul	96
39) 2,4,5-Trichlorophenol	13.41	196	59884	19.552	ng/ul	95
40) 1,1'-Biphenyl	13.72	154	233610	19.177	ng/ul	97
41) 2-Chloronaphthalene	13.77	162	183275	19.493	ng/ul	97
42) 2-Nitroaniline	13.99	65	61205	20.343	ng/ul#	74
44) Dimethylphthalate	14.33	163	251697	19.383	ng/ul	99
45) 2,6-Dinitrotoluene	14.47	165	46648	20.105	ng/ul#	64
47) Acenaphthylene	14.61	152	291385	19.895	ng/ul	99
48) 3-Nitroaniline	14.80	138	45668	19.115	ng/ul#	77
49) Acenaphthene	14.94	153	207538	19.510	ng/ul	99
50) 2,4-Dinitrophenol	15.03	184	17279	13.476	ng/ul#	1
52) 4-Nitrophenol	15.11	109	51615	19.056	ng/ul#	71
53) Dibenzofuran	15.28	168	291351	19.193	ng/ul#	86
54) 2,4-Dinitrotoluene	15.26	165	72845	19.561	ng/ul#	44
55) 2,3,4,6-Tetrachlorophenol	15.50	232	54918	19.684	ng/ul#	77
56) Diethylphthalate	15.68	149	278285	19.717	ng/ul	96
58) Fluorene	15.92	166	238908	19.425	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.90	204	118153	19.277	ng/ul	92
60) 4-Nitroaniline	15.96	138	48169	18.381	ng/ul#	52
63) 4,6-Dinitro-2-methylphenol	16.02	198	39469	17.151	ng/ul#	79
64) N-Nitrosodiphenylamine	16.12	169	205151	19.670	ng/ul	96
65) 4-Bromophenyl-phenylether	16.80	248	69865	19.254	ng/ul	94
66) Hexachlorobenzene	16.92	284	76450	18.870	ng/ul#	85
67) Atrazine	17.06	200	77284	18.568	ng/ul	99
68) Pentachlorophenol	17.26	266	37180	17.071	ng/ul	95
69) Phenanthrene	17.66	178	382078	19.193	ng/ul	99
71) Anthracene	17.74	178	397853	19.383	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.69	216	91394	19.403	ng/uL	98
73) Pentachlorobenzene	15.20	250	89570	19.437	ng/uL	99
74) Carbazole	18.02	167	351360	18.888	ng/ul	96
75) Di-n-butylphthalate	18.53	149	471176	19.825	ng/ul#	97
76) Fluoranthene	19.64	202	448308	17.944	ng/ul#	94
79) Pyrene	20.00	202	465336	19.710	ng/ul#	95
80) Butylbenzylphthalate	20.85	149	233656	20.572	ng/ul	86
81) 3,3'-Dichlorobenzidine	21.64	252	167375	18.999	ng/ul	99
82) Benzo(a)anthracene	21.71	228	501978	19.387	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.60	149	341488	20.502	ng/ul	94
84) Chrysene	21.76	228	463695	19.145	ng/ul	99
86) Di-n-octyl phthalate	22.51	149	595337	18.785	ng/ul#	83
87) Benzo(b)fluoranthene	23.39	252	500546	19.285	ng/ul	98
88) Benzo(k)fluoranthene	23.43	252	498036	20.073	ng/ul	98
90) Benzo(a)pyrene	24.01	252	473626	18.978	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	26.56	276	528741	17.231	ng/ul	94
92) Dibenzo(a,h)anthracene	26.56	278	440694	16.960	ng/ul	95
93) Benzo(g,h,i)perylene	27.31	276	414609	16.899	ng/ul	95

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

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