Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071318\
Data File : BM015938.D
Acq On : 13 Jul 2018 11:23
Operator : SJ/JU
Sample : SSTD00529
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD00529

Quant Time: Jul 13 13:37:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 13 13:29:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	39244	20.00	ng/ul	0.00
18) Naphthalene-d8	11.09	136	190980	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.89	164	121635	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.62	188	290823	20.00	ng/ul	0.00
77) Chrysene-d12	21.73	240	370271	20.00	ng/ul	0.00
85) Perylene-d12	24.13	264	426639	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	1639	2.01	ng/uL	0.00
5) Phenol-d5	7.43	99	14866	4.75	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.59	67	11047	5.61	ng/ul	0.01
9) 2-Chlorophenol-d4	7.80	132	13142	5.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.99	113	13223	5.17	ng/ul	0.01
19) Nitrobenzene-d5	9.46	128	5824	4.74	ng/ul	0.00
22) 2-Nitrophenol-d4	10.19	143	6450	5.84	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.73	165	13470	4.78	ng/ul	0.01
29) 4-Chloroaniline-d4	11.25	131	12040	3.78	ng/ul	0.01
43) Dimethylphthalate-d6	14.29	166	54625	5.68	ng/ul	0.00
46) Acenaphthylene-d8	14.59	160	58279	4.77	ng/ul	0.00
51) 4-Nitrophenol-d4	15.12	143	4256	2.73	ng/ul	0.02
57) Fluorene-d10	15.87	176	47363	5.73	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.02	200	6286	5.06	ng/ul	0.00
70) Anthracene-d10	17.72	188	72628	5.30	ng/ul	0.00
78) Pyrene-d10	19.97	212	83263	4.43	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.97	264	109398	5.22	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	1704	1.940	ng/uL#	87
4) Benzaldehyde	7.42	77	9295	5.195	ng/ul	85
6) Phenol	7.46	94	15642	5.118	ng/ul#	71
8) Bis(2-Chloroethyl)ether	7.69	93	12486	5.169	ng/ul	88
10) 2-Chlorophenol	7.83	128	13192	5.174	ng/ul#	88
11) 2-Methylphenol	8.73	108	11447	4.919	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.79	45	21888	4.888	ng/ul#	88
14) Acetophenone	9.12	105	23451	6.201	ng/ul#	80
15) N-Nitroso-di-n-propylamine	9.07	70	11857	5.860	ng/ul#	54
16) 4-Methylphenol	9.06	108	12650	5.057	ng/ul	91
17) Hexachloroethane	9.35	117	6190	5.990	ng/ul#	80
20) Nitrobenzene	9.50	77	17940	5.728	ng/ul#	89
21) Isophorone	10.02	82	31118	5.088	ng/ul#	95
23) 2-Nitrophenol	10.22	139	6674	5.190	ng/ul#	65
24) 2,4-Dimethylphenol	10.26	107	18259	5.620	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.49	93	19728	5.243	ng/ul	98
27) 2,4-Dichlorophenol	10.76	162	12475	4.715	ng/ul	99
28) Naphthalene	11.15	128	52287	5.616	ng/ul#	95
30) 4-Chloroaniline	11.27	127	12025	3.946	ng/ul	93
31) Hexachlorobutadiene	11.40	225	10842	6.140	ng/ul	89
32) Caprolactam	12.03	113	3520	4.444	ng/ul	88
33) 4-Chloro-3-methylphenol	12.37	107	15152	5.384	ng/ul	99
34) 2-Methylnaphthalene	12.73	142	38483	5.794	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.10	216	18360	4.755	ng/ul#	93
37) Hexachlorocyclopentadiene	13.06	237	3526	1.370	ng/ul#	82
38) 2,4,6-Trichlorophenol	13.35	196	10345	4.511	ng/ul	100
39) 2,4,5-Trichlorophenol	13.43	196	10839	4.512	ng/ul	85
40) 1,1'-Biphenyl	13.73	154	52407	5.380	ng/ul	96
41) 2-Chloronaphthalene	13.78	162	40268	5.334	ng/ul	95
42) 2-Nitroaniline	14.00	65	9315	5.296	ng/ul#	75
44) Dimethylphthalate	14.34	163	54882	5.927	ng/ul	97
45) 2,6-Dinitrotoluene	14.48	165	7971	5.330	ng/ul#	40
47) Acenaphthylene	14.62	152	57560	4.972	ng/ul	98
48) 3-Nitroaniline	14.82	138	6415	4.246	ng/ul	90
49) Acenaphthene	14.95	153	45300	5.604	ng/ul	93
50) 2,4-Dinitrophenol	15.06	184	1935	2.989	ng/ul#	1
52) 4-Nitrophenol	15.13	109	7378	6.223	ng/ul#	73
53) Dibenzofuran	15.29	168	65439	5.899	ng/ul#	87
54) 2,4-Dinitrotoluene	15.27	165	13161	6.096	ng/ul#	21
55) 2,3,4,6-Tetrachlorophenol	15.52	232	10399	5.088	ng/ul#	85
56) Diethylphthalate	15.68	149	57901	6.250	ng/ul	97
58) Fluorene	15.93	166	50800	5.622	ng/ul	95
59) 4-Chlorophenyl-phenylether	15.92	204	26069	5.633	ng/ul	93
60) 4-Nitroaniline	15.98	138	6934	4.063	ng/ul#	51
63) 4,6-Dinitro-2-methylphenol	16.03	198	5936	4.430	ng/ul#	63
64) N-Nitrosodiphenylamine	16.13	169	44055	5.070	ng/ul	96
65) 4-Bromophenyl-phenylether	16.80	248	14904	4.571	ng/ul	87
66) Hexachlorobenzene	16.93	284	16679	4.575	ng/ul#	88
67) Atrazine	17.06	200	16239	5.366	ng/ul	96
68) Pentachlorophenol	17.27	266	6186	3.229	ng/ul	97
69) Phenanthrene	17.66	178	86141	5.528	ng/ul	99
71) Anthracene	17.76	178	86983	5.483	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.70	216	20029	4.492	ng/uL	97
73) Pentachlorobenzene	15.20	250	19488	4.537	ng/uL	89
74) Carbazole	18.03	167	74340	5.660	ng/ul	98
75) Di-n-butylphthalate	18.54	149	91592	5.618	ng/ul#	96
76) Fluoranthene	19.65	202	99776	6.192	ng/ul	95
79) Pyrene	20.00	202	106432	4.601	ng/ul	95
80) Butylbenzylphthalate	20.86	149	46558	5.750	ng/ul	89
81) 3,3'-Dichlorobenzidine	21.64	252	34682	5.175	ng/ul	98
82) Benzo(a)anthracene	21.72	228	116993	5.389	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.60	149	65684	5.440	ng/ul	95
84) Chrysene	21.77	228	112216	5.534	ng/ul	98
86) Di-n-octyl phthalate	22.52	149	120983	4.835	ng/ul#	82
87) Benzo(b)fluoranthene	23.40	252	131420	5.135	ng/ul	97
88) Benzo(k)fluoranthene	23.45	252	121983	4.952	ng/ul	99
90) Benzo(a)pyrene	24.03	252	123792	5.168	ng/ul#	96
91) Indeno(1,2,3-cd)pyrene	26.58	276	156056	5.809	ng/ul#	91
92) Dibenzo(a,h)anthracene	26.59	278	129850	5.764	ng/ul	98
93) Benzo(g,h,i)perylene	27.34	276	128871	5.900	ng/ul	96

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

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