Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032818\
Data File : BM014664.D
Acq On : 28 Mar 2018 12:48
Operator : SJ/JU
Sample : SSTD16066
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD16066

Quant Time: Mar 28 15:22:14 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 28 14:52:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.59	152	426941	20.00	ng/ul	0.00
18) Naphthalene-d8	11.44	136	1836920	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.19	164	1006751	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.90	188	2000278	20.00	ng/ul	0.00
77) Chrysene-d12	21.99	240	1588770	20.00	ng/ul	0.00
85) Perylene-d12	24.51	264	1403008	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.69	96	527607	54.43	ng/uL	0.00
5) Phenol-d5	7.72	99	5691806	123.23	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.90	67	3363379	111.80	ng/ul	0.02
9) 2-Chlorophenol-d4	8.11	132	4689921	166.17	ng/ul	0.01
13) 4-Methylphenol-d8	9.30	113	4598893	124.81	ng/ul	0.02
19) Nitrobenzene-d5	9.78	128	2229790	169.98	ng/ul	0.02
22) 2-Nitrophenol-d4	10.51	143	2396802	164.61	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	11.05	165	4699725	151.10	ng/ul	0.02
29) 4-Chloroaniline-d4	11.56	131	4360790	117.57	ng/ul	0.01
43) Dimethylphthalate-d6	14.59	166	12056375	157.68	ng/ul	0.02
46) Acenaphthylene-d8	14.89	160	14932971	169.83	ng/ul	0.01
51) 4-Nitrophenol-d4	15.36	143	2284378	150.49	ng/ul	0.04
57) Fluorene-d10	16.17	176	10135623	148.56	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	16.28	200	1923228	160.71	ng/ul	0.03
70) Anthracene-d10	18.00	188	14069944	148.62	ng/ul	0.01
78) Pyrene-d10	20.23	212	13575115	211.69	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.36	264	11645031	181.42	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.73	88	568687	55.295	ng/uL	92
4) Benzaldehyde	7.70	77	2397704	77.462	ng/ul	95
6) Phenol	7.75	94	5492566	111.363	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.99	93	4163354	117.849	ng/ul#	87
10) 2-Chlorophenol	8.15	128	4554077	156.448	ng/ul#	92
11) 2-Methylphenol	9.02	108	4212372	117.891	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	9.12	45	7462968	126.807	ng/ul#	83
14) Acetophenone	9.43	105	6404772	103.481	ng/ul#	91
15) N-Nitroso-di-n-propylamine	9.44	70	3360972	88.576	ng/ul#	79
16) 4-Methylphenol	9.37	108	4448653	109.817	ng/ul	100
17) Hexachloroethane	9.70	117	1811118	142.107	ng/ul	95
20) Nitrobenzene	9.83	77	4974901	113.724	ng/ul	97
21) Isophorone	10.36	82	9191331	106.229	ng/ul	99
23) 2-Nitrophenol	10.55	139	2510914	158.400	ng/ul	92
24) 2,4-Dimethylphenol	10.58	107	4979630	122.421	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.83	93	5608506	118.228	ng/ul	99
27) 2,4-Dichlorophenol	11.07	162	4323312	140.422	ng/ul	99
28) Naphthalene	11.49	128	13371505	141.948	ng/ul	98
30) 4-Chloroaniline	11.59	127	4170402	106.097	ng/ul	99
31) Hexachlorobutadiene	11.76	225	2766353	130.346	ng/ul	99
32) Caprolactam	12.39	113	740868	57.614	ng/ul#	54
33) 4-Chloro-3-methylphenol	12.68	107	4479891	110.874	ng/ul	96
34) 2-Methylnaphthalene	13.06	142	9595737	127.944	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.42	216	5281202	174.415	ng/ul	98
37) Hexachlorocyclopentadiene	13.39	237	3867938	225.934	ng/ul	99
38) 2,4,6-Trichlorophenol	13.64	196	3436399	178.992	ng/ul	99
39) 2,4,5-Trichlorophenol	13.72	196	3599687	163.671	ng/ul	100
40) 1,1'-Biphenyl	14.04	154	11916303	168.946	ng/ul	95
41) 2-Chloronaphthalene	14.09	162	9431589	172.789	ng/ul	97
42) 2-Nitroaniline	14.28	65	2890960	128.940	ng/ul	87
44) Dimethylphthalate	14.64	163	11297223	147.316	ng/ul	98
45) 2,6-Dinitrotoluene	14.76	165	2543593	172.394	ng/ul	99
47) Acenaphthylene	14.92	152	13560376	154.048	ng/ul	93
48) 3-Nitroaniline	15.09	138	2001304	127.367	ng/ul	96
49) Acenaphthene	15.26	153	9946405	160.616	ng/ul	99
50) 2,4-Dinitrophenol	15.28	184	1277691	132.097	ng/ul#	1
52) 4-Nitrophenol	15.38	109	1594625	89.933	ng/ul#	82
53) Dibenzofuran	15.59	168	13206619	144.700	ng/ul	96
54) 2,4-Dinitrotoluene	15.53	165	3462466	152.329	ng/ul	91
55) 2,3,4,6-Tetrachlorophenol	15.79	232	3171486	150.242	ng/ul	93
56) Diethylphthalate	15.98	149	11370734	141.597	ng/ul	96
58) Fluorene	16.23	166	10736153	136.322	ng/ul	99
59) 4-Chlorophenyl-phenylether	16.20	204	5939161	146.751	ng/ul	90
60) 4-Nitroaniline	16.25	138	2393525	134.184	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	16.29	198	1978312	157.408	ng/ul	97
64) N-Nitrosodiphenylamine	16.42	169	9423186	167.637	ng/ul	98
65) 4-Bromophenyl-phenylether	17.09	248	3931185	181.919	ng/ul#	85
66) Hexachlorobenzene	17.21	284	4220024	175.541	ng/ul#	88
67) Atrazine	17.34	200	3462242	147.313	ng/ul	97
68) Pentachlorophenol	17.54	266	2496382	158.076	ng/ul	100
69) Phenanthrene	17.94	178	14926600	134.089	ng/ul#	89
71) Anthracene	18.04	178	14192129	125.010	ng/ul#	83
72) 1,2,3,4-Tetrachlorobenzene	14.01	216	5326109	226.644	ng/uL	99
73) Pentachlorobenzene	15.50	250	5076083	201.172	ng/uL	99
74) Carbazole	18.29	167	13460230	127.019	ng/ul	94
75) Di-n-butylphthalate	18.81	149	13698447	112.169	ng/ul#	94
76) Fluoranthene	19.90	202	14545635	103.667	ng/ul#	94
79) Pyrene	20.26	202	13854472	167.847	ng/ul#	82
80) Butylbenzylphthalate	21.10	149	6819782	205.584	ng/ul	95
81) 3,3'-Dichlorobenzidine	21.89	252	4388814	145.838	ng/ul	99
82) Benzo(a)anthracene	21.97	228	13713191	150.999	ng/ul	93
83) Bis(2-ethylhexyl)phthalate	21.86	149	9305717	180.208	ng/ul#	94
84) Chrysene	21.97	228	13713191	160.104	ng/ul	97
86) Di-n-octyl phthalate	22.83	149	13517306	179.152	ng/ul#	83
87) Benzo(b)fluoranthene	23.74	252	13607616	164.111	ng/ul	98
88) Benzo(k)fluoranthene	23.80	252	13057386	164.734	ng/ul	97
90) Benzo(a)pyrene	24.41	252	12787437	158.644	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	27.17	276	15304510	158.283	ng/ul	97
92) Dibenzo(a,h)anthracene	27.18	278	12754416	155.964	ng/ul	97
93) Benzo(g,h,i)perylene	27.97	276	12459301	155.674	ng/ul	97

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

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