Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM032317\
Data File : BM009343.D
Acq On : 23 Mar 2017 14:50
Operator : SJ/MA
Sample : SSTD16056
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD16056

Quant Time: Mar 23 15:25:31 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM032317MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 21 03:09:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	184333	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.66	136	748224	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.50	164	525835	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.26	188	1051558	20.00	ng/ul	0.00
77) Chrysene-d12	21.43	240	1373824	20.00	ng/ul	0.00
85) Perylene-d12	23.76	264	1233016	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	275573	65.85	ng/uL	-0.02
5) Phenol-d5	7.03	99	2864470	143.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	1989447	153.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	2023772	166.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.58	113	2142402	134.67	ng/ul	0.00
19) Nitrobenzene-d5	9.04	128	983051	183.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.75	143	1139373	192.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	2149494	169.67	ng/ul	0.00
29) 4-Chloroaniline-d4	10.81	131	1876913	124.23	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	6124341	153.35	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	7813976	170.14	ng/ul	0.00
51) 4-Nitrophenol-d4	14.73	143	1160082	146.32	ng/ul	0.02
57) Fluorene-d10	15.50	176	5601992	157.21	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.64	200	1259282	200.16	ng/ul	0.01
70) Anthracene-d10	17.36	188	8769444	176.21	ng/ul	0.00
78) Pyrene-d10	19.65	212	10121305	182.53	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.62	264	9934873	176.12	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	307931	69.35	ng/uL#	72
4) Benzaldehyde	7.01	77	1189688	89.02	ng/ul	81
6) Phenol	7.06	94	3037085	142.62	ng/ul#	81
8) Bis(2-Chloroethyl)ether	7.29	93	2353219	154.28	ng/ul#	80
10) 2-Chlorophenol	7.43	128	2074608	165.07	ng/ul#	77
11) 2-Methylphenol	8.30	108	2150539	139.40	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.39	45	3769460	148.35	ng/ul#	86
14) Acetophenone	8.70	105	3584115	134.12	ng/ul#	76
15) N-Nitroso-di-n-propylamine	8.70	70	2219276	135.47	ng/ul#	79
16) 4-Methylphenol	8.65	108	2297741	131.37	ng/ul	100
17) Hexachloroethane	8.93	117	966584	175.66	ng/ul	97
20) Nitrobenzene	9.08	77	3134291	175.90	ng/ul#	82
21) Isophorone	9.61	82	5514536	156.47	ng/ul#	92
23) 2-Nitrophenol	9.79	139	1169936	181.19	ng/ul#	67
24) 2,4-Dimethylphenol	9.84	107	2715393	163.89	ng/ul	90
25) Bis(2-Chloroethoxy)methane	10.07	93	3057938	158.26	ng/ul#	97
27) 2,4-Dichlorophenol	10.31	162	2106962	168.01	ng/ul	95
28) Naphthalene	10.72	128	6455009	168.23	ng/ul	100
30) 4-Chloroaniline	10.83	127	1972360	123.19	ng/ul	100
31) Hexachlorobutadiene	10.98	225	1552144	179.55	ng/ul	99
32) Caprolactam	11.66	113	370106	70.66	ng/ul#	37
33) 4-Chloro-3-methylphenol	11.96	107	2397237	145.66	ng/ul	91
34) 2-Methylnaphthalene	12.33	142	4800974	157.16	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.69	216	2842987	179.76	ng/ul	98
37) Hexachlorocyclopentadiene	12.66	237	1913830	214.03	ng/ul	98
38) 2,4,6-Trichlorophenol	12.93	196	1800628	179.57	ng/ul	99
39) 2,4,5-Trichlorophenol	13.01	196	1956436	170.31	ng/ul	99
40) 1,1'-Biphenyl	13.34	154	6304948	171.14	ng/ul#	97
41) 2-Chloronaphthalene	13.39	162	4882738	171.26	ng/ul	95
42) 2-Nitroaniline	13.60	65	1974628	168.62	ng/ul#	69
44) Dimethylphthalate	13.97	163	6064430	151.41	ng/ul	99
45) 2,6-Dinitrotoluene	14.10	165	1316282	170.80	ng/ul#	84
47) Acenaphthylene	14.23	152	7634134	166.04	ng/ul	100
48) 3-Nitroaniline	14.43	138	1039907	126.71	ng/ul#	78
49) Acenaphthene	14.57	153	5342555	165.17	ng/ul	99
50) 2,4-Dinitrophenol	14.63	184	945323	187.12	ng/ul#	81
52) 4-Nitrophenol	14.75	109	1329511	143.56	ng/ul#	77
53) Dibenzofuran	14.91	168	7560611	158.60	ng/ul	98
54) 2,4-Dinitrotoluene	14.89	165	1900828	160.11	ng/ul#	58
55) 2,3,4,6-Tetrachlorophenol	15.13	232	1770597	160.59	ng/ul	93
56) Diethylphthalate	15.33	149	6331379	150.95	ng/ul	99
58) Fluorene	15.56	166	6535248	158.87	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.55	204	3369008	159.38	ng/ul	90
60) 4-Nitroaniline	15.56	138	95926	10.30	ng/ul#	32
63) 4,6-Dinitro-2-methylphenol	15.66	198	1305414	197.58	ng/ul	95
64) N-Nitrosodiphenylamine	15.77	169	5491387	185.83	ng/ul	99
65) 4-Bromophenyl-phenylether	16.45	248	2078961	183.00	ng/ul	91
66) Hexachlorobenzene	16.56	284	2235659	176.90	ng/ul	93
67) Atrazine	16.73	200	2101948	170.12	ng/ul	94
68) Pentachlorophenol	16.90	266	1491275	179.63	ng/ul	99
69) Phenanthrene	17.30	178	10118440	172.90	ng/ul	100
71) Anthracene	17.40	178	10426144	174.69	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.30	216	2605777	210.93	ng/uL	98
73) Pentachlorobenzene	14.82	250	2538590	191.38	ng/uL	99
74) Carbazole	17.67	167	9257779	166.18	ng/ul	98
75) Di-n-butylphthalate	18.21	149	10774906	167.83	ng/ul#	95
76) Fluoranthene	19.31	202	11901025	161.34	ng/ul	99
79) Pyrene	19.68	202	12115001	169.74	ng/ul	95
80) Butylbenzylphthalate	20.56	149	5393015	188.01	ng/ul#	82
81) 3,3'-Dichlorobenzidine	21.35	252	3780439	145.28	ng/ul	98
82) Benzo(a)anthracene	21.42	228	12618213	160.68	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.33	149	8054776	180.39	ng/ul#	95
84) Chrysene	21.42	228	12618213	170.37	ng/ul	97
86) Di-n-octyl phthalate	22.23	149	12382368	186.74	ng/ul#	78
87) Benzo(b)fluoranthene	23.06	252	13085795	179.58	ng/ul#	97
88) Benzo(k)fluoranthene	23.12	252	12207038	175.24	ng/ul#	97
90) Benzo(a)pyrene	23.68	252	12449137	175.74	ng/ul#	96
91) Indeno(1,2,3-cd)pyrene	26.17	276	14354633	168.93	ng/ul#	93
92) Dibenzo(a,h)anthracene	26.18	278	12224684	170.10	ng/ul#	95
93) Benzo(g,h,i)perylene	26.90	276	11719470	166.62	ng/ul#	92

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

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