Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022317\
Data File : BM009003.D
Acq On : 23 Feb 2017 13:12
Operator : SJ/MA
Sample : SSTD01049
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD01049

Quant Time: Feb 23 15:09:06 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM022317.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 23 14:44:09 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	175324	20.00	ng/ul	0.00
18) Naphthalene-d8	10.70	136	682401	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.54	164	493668	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.29	188	1016423	20.00	ng/ul	0.00
75) Chrysene-d12	21.46	240	1237715	20.00	ng/ul	0.00
83) Perylene-d12	23.80	264	1169116	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	16066	3.53	ng/uL	0.00
5) Phenol-d5	7.05	99	145023	9.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.23	67	106355	9.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.43	132	101060	9.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.59	113	108977	9.37	ng/ul	0.00
19) Nitrobenzene-d5	9.06	128	45227	9.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.79	143	48096	9.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.32	165	107395	9.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.84	131	109774	9.89	ng/ul	0.00
43) Dimethylphthalate-d6	13.95	166	317047	9.39	ng/ul	0.00
46) Acenaphthylene-d8	14.23	160	389880	9.56	ng/ul	0.00
51) 4-Nitrophenol-d4	14.72	143	48171	8.10	ng/ul	0.00
57) Fluorene-d10	15.53	176	299777	9.56	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.64	200	47415	7.85	ng/ul	0.00
70) Anthracene-d10	17.38	188	453632	9.49	ng/ul	0.00
76) Pyrene-d10	19.67	212	517695	9.76	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.64	264	502639	9.54	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.40	88	20541	4.07	ng/uL#	74
4) Benzaldehyde	7.05	77	125281	10.43	ng/ul#	82
6) Phenol	7.08	94	154815	9.25	ng/ul#	69
8) Bis(2-Chloroethyl)ether	7.32	93	128162	9.77	ng/ul#	77
10) 2-Chlorophenol	7.46	128	102212	9.32	ng/ul#	78
11) 2-Methylphenol	8.33	108	105195	9.09	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.43	45	213159	10.14	ng/ul	97
14) Acetophenone	8.72	105	191053	9.45	ng/ul#	81
15) N-Nitroso-di-n-propylamine	8.70	70	118780	10.21	ng/ul#	81
16) 4-Methylphenol	8.66	108	118566	9.38	ng/ul	93
17) Hexachloroethane	8.98	117	48987	9.20	ng/ul#	79
20) Nitrobenzene	9.10	77	171096	10.50	ng/ul#	90
21) Isophorone	9.63	82	277661	9.84	ng/ul	96
23) 2-Nitrophenol	9.82	139	54230	9.64	ng/ul#	58
24) 2,4-Dimethylphenol	9.86	107	143742	10.11	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.11	93	162805	9.99	ng/ul	96
27) 2,4-Dichlorophenol	10.34	162	107173	9.80	ng/ul#	91
28) Naphthalene	10.75	128	338892	9.96	ng/ul	97
30) 4-Chloroaniline	10.86	127	115744	9.94	ng/ul	98
31) Hexachlorobutadiene	11.03	225	87644	9.77	ng/ul	97
32) Caprolactam	11.64	113	29326	8.82	ng/ul#	78
33) 4-Chloro-3-methylphenol	11.97	107	120035	9.69	ng/ul	92
34) 2-Methylnaphthalene	12.36	142	254624	10.06	ng/ul	93

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36) 1,2,4,5-Tetrachlorobenzene	12.72	216	159347	9.88	ng/ul	93
37) Hexachlorocyclopentadiene	12.70	237	91645	8.90	ng/ul	100
38) 2,4,6-Trichlorophenol	12.96	196	90020	9.79	ng/ul	93
39) 2,4,5-Trichlorophenol	13.03	196	94764	9.46	ng/ul	96
40) 1,1'-Biphenyl	13.37	154	330757	9.65	ng/ul	96
41) 2-Chloronaphthalene	13.41	162	261249	9.68	ng/ul	96
42) 2-Nitroaniline	13.62	65	92274	10.08	ng/ul#	76
44) Dimethylphthalate	13.99	163	320192	9.48	ng/ul#	98
45) 2,6-Dinitrotoluene	14.12	165	56621	9.22	ng/ul#	81
47) Acenaphthylene	14.26	152	381395	9.43	ng/ul	98
48) 3-Nitroaniline	14.45	138	56681	9.25	ng/ul#	73
49) Acenaphthene	14.60	153	275614	9.54	ng/ul	97
50) 2,4-Dinitrophenol	14.65	184	27396	6.30	ng/ul#	75
52) 4-Nitrophenol	14.74	109	64734	9.03	ng/ul#	62
53) Dibenzofuran	14.94	168	413999	9.65	ng/ul	94
54) 2,4-Dinitrotoluene	14.90	165	83868	8.97	ng/ul#	73
55) 2,3,4,6-Tetrachlorophenol	15.16	232	86459	9.30	ng/ul#	96
56) Diethylphthalate	15.35	149	321259	9.27	ng/ul	98
58) Fluorene	15.59	166	337476	9.60	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.58	204	181842	9.61	ng/ul#	95
60) 4-Nitroaniline	15.61	138	58174	8.21	ng/ul#	42
63) 4,6-Dinitro-2-methylphenol	15.66	198	49556	7.61	ng/ul#	91
64) N-Nitrosodiphenylamine	15.79	169	283770	9.83	ng/ul	97
65) 4-Bromophenyl-phenylether	16.47	248	110876	9.76	ng/ul	94
66) Hexachlorobenzene	16.59	284	123853	9.67	ng/ul	91
67) Atrazine	16.74	200	106057	9.26	ng/ul	95
68) Pentachlorophenol	16.93	266	65818	8.59	ng/ul#	84
69) Phenanthrene	17.33	178	531895	9.64	ng/ul	97
71) Anthracene	17.42	178	549026	9.74	ng/ul	97
72) Carbazole	17.69	167	463348	9.23	ng/ul	98
73) Di-n-butylphthalate	18.24	149	527747	9.39	ng/ul	97
74) Fluoranthene	19.34	202	639170	9.51	ng/ul#	95
77) Pyrene	19.70	202	672827	9.89	ng/ul#	91
78) Butylbenzylphthalate	20.59	149	230765	9.61	ng/ul	91
79) 3,3'-Dichlorobenzidine	21.37	252	226576	9.66	ng/ul	97
80) Benzo(a)anthracene	21.44	228	682954	9.74	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.35	149	320710	9.09	ng/ul	95
82) Chrysene	21.49	228	642613	9.55	ng/ul	99
84) Di-n-octyl phthalate	22.26	149	548321	8.51	ng/ul#	90
85) Benzo(b)fluoranthene	23.09	252	666310	9.53	ng/ul#	99
86) Benzo(k)fluoranthene	23.13	252	637433	9.59	ng/ul#	97
88) Benzo(a)pyrene	23.70	252	627368	9.45	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	26.20	276	709681	9.70	ng/ul#	93
90) Dibenzo(a,h)anthracene	26.21	278	608575	9.66	ng/ul#	94
91) Benzo(g,h,i)perylene	26.93	276	585148	9.52	ng/ul#	93

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

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