Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM082416\
Data File : BM007279.D
Acq On : 24 Aug 2016 15:29
Operator : UM/SJ
Sample : MDL-04-W
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-04-W

Quant Time: Aug 24 16:09:26 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 24 13:51:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	151368	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	759037	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	559878	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1553190	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	2292485	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	2582019	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	10501	3.55	ng/uL	0.00
5) Phenol-d5	6.96	99	447994	31.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	263318	35.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	348278	32.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	400770	32.14	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	191206	34.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	225633	34.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	408977	31.57	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	595451	36.85	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	1809745	37.47	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	1984202	35.44	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	335810	36.83	ng/ul	0.00
57) Fluorene-d10	15.43	176	1522147	36.44	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	337667	34.57	ng/ul	0.00
70) Anthracene-d10	17.27	188	2597289	35.80	ng/ul	0.00
76) Pyrene-d10	19.57	212	3363890	35.09	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	4228656	35.56	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	2107	0.64	ng/uL#	69
4) Benzaldehyde	6.95	77	28405	3.49	ng/ul	97
6) Phenol	6.99	94	38001	2.56	ng/ul#	85
8) Bis(2-Chloroethyl)ether	7.23	93	31957	3.09	ng/ul	97
10) 2-Chlorophenol	7.36	128	28810	2.66	ng/ul	98
11) 2-Methylphenol	8.23	108	29734	2.56	ng/ul	89
12) 2,2'-oxybis(1-Chloropropan	8.33	45	33727	2.90	ng/ul#	91
14) Acetophenone	8.62	105	55592	2.91	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.60	70	28160	2.77	ng/ul	97
16) 4-Methylphenol	8.56	108	34076	2.62	ng/ul	99
17) Hexachloroethane	8.87	117	11904	2.83	ng/ul	93
20) Nitrobenzene	9.00	77	44206	3.09	ng/ul	91
21) Isophorone	9.52	82	84099	2.88	ng/ul	97
23) 2-Nitrophenol	9.70	139	20529	2.90	ng/ul	94
24) 2,4-Dimethylphenol	9.76	107	44331	2.84	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.00	93	45973	2.80	ng/ul	94
27) 2,4-Dichlorophenol	10.23	162	35866	2.79	ng/ul	96
28) Naphthalene	10.63	128	108964	2.89	ng/ul	99
30) 4-Chloroaniline	10.75	127	50474	3.03	ng/ul	94
31) Hexachlorobutadiene	10.92	225	26822	3.08	ng/ul	93
32) Caprolactam	11.54	113	13428	2.59	ng/ul	92
33) 4-Chloro-3-methylphenol	11.86	107	41839	2.63	ng/ul#	90
34) 2-Methylnaphthalene	12.25	142	87299	2.83	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	55280	2.97	ng/ul	96
37) Hexachlorocyclopentadiene	12.59	237	23938	2.13	ng/ul	93
38) 2,4,6-Trichlorophenol	12.86	196	33857	2.57	ng/ul	97
39) 2,4,5-Trichlorophenol	12.93	196	37096	2.70	ng/ul	93
40) 1,1'-Biphenyl	13.26	154	127866	2.94	ng/ul#	98
41) 2-Chloronaphthalene	13.30	162	100112	2.94	ng/ul	100
42) 2-Nitroaniline	13.51	65	27508	2.47	ng/ul	91
44) Dimethylphthalate	13.89	163	151377	3.15	ng/ul	100
45) 2,6-Dinitrotoluene	14.01	165	25769	2.62	ng/ul	92
47) Acenaphthylene	14.15	152	171592	2.98	ng/ul	98
48) 3-Nitroaniline	14.34	138	27517	2.74	ng/ul	95
49) Acenaphthene	14.49	153	110272	2.94	ng/ul	98
50) 2,4-Dinitrophenol	14.55	184	13208	1.98	ng/ul	93
52) 4-Nitrophenol	14.64	109	33041	3.41	ng/ul#	89
53) Dibenzofuran	14.83	168	170345	3.04	ng/ul	99
54) 2,4-Dinitrotoluene	14.80	165	44501	2.95	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.06	232	39625	2.81	ng/ul	96
56) Diethylphthalate	15.25	149	155101	3.09	ng/ul	97
58) Fluorene	15.48	166	146752	3.18	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.47	204	75745	3.14	ng/ul	98
60) 4-Nitroaniline	15.50	138	33874	2.97	ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.56	198	30610	2.94	ng/ul#	52
64) N-Nitrosodiphenylamine	15.69	169	129491	2.99	ng/ul	99
65) 4-Bromophenyl-phenylether	16.37	248	50563	2.88	ng/ul	98
66) Hexachlorobenzene	16.48	284	60931	3.10	ng/ul	93
67) Atrazine	16.63	200	53672	2.93	ng/ul	98
68) Pentachlorophenol	16.83	266	30498	2.41	ng/ul	90
69) Phenanthrene	17.22	178	257955	3.09	ng/ul	99
71) Anthracene	17.31	178	263671	3.06	ng/ul	98
72) Carbazole	17.57	167	234359	3.13	ng/ul	99
73) Di-n-butylphthalate	18.14	149	259102	2.75	ng/ul	99
74) Fluoranthene	19.23	202	346875	3.31	ng/ul	97
77) Pyrene	19.60	202	373306	3.04	ng/ul	97
78) Butylbenzylphthalate	20.50	149	123238	2.41	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.28	252	128370	2.82	ng/ul	97
80) Benzo(a)anthracene	21.34	228	419393	3.10	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.27	149	189881	2.56	ng/ul	98
82) Chrysene	21.39	228	387626	3.17	ng/ul	100
84) Di-n-octyl phthalate	22.16	149	344046	2.68	ng/ul#	99
85) Benzo(b)fluoranthene	22.94	252	462483	3.03	ng/ul	99
86) Benzo(k)fluoranthene	22.94	252	462483	3.28	ng/ul	99
88) Benzo(a)pyrene	23.53	252	462771	3.17	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.92	276	559379	3.12	ng/ul	100
90) Dibenzo(a,h)anthracene	25.93	278	465527	3.12	ng/ul	97
91) Benzo(g,h,i)perylene	26.62	276	462241	3.04	ng/ul	97

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

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