Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM082416\
Data File : BM007289.D
Acq On : 24 Aug 2016 22:51
Operator : UM/SJ
Sample : MDL-04-S-ML
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-04-S-ML

Quant Time: Aug 25 10:28:45 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 25 10:16:08 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	249137	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1262699	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	911610	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	2543604	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	3783910	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	4289040	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	11573	2.37	ng/uL	0.00
5) Phenol-d5	6.97	99	502596	21.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	291403	23.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	395032	22.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	450694	21.96	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	215441	23.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	259238	23.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	459447	21.32	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	659248	24.52	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	2021738	25.71	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	2187190	23.99	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	386190	26.01	ng/ul	0.00
57) Fluorene-d10	15.43	176	1673383	24.60	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	397865	24.88	ng/ul	0.00
70) Anthracene-d10	17.27	188	2941019	24.75	ng/ul	0.00
76) Pyrene-d10	19.57	212	3934144	24.86	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	5043188	25.53	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	2457	0.45	ng/uL#	76
4) Benzaldehyde	6.95	77	30863	2.30	ng/ul	95
6) Phenol	6.99	94	42604	1.75	ng/ul#	88
8) Bis(2-Chloroethyl)ether	7.23	93	33330	1.96	ng/ul	98
10) 2-Chlorophenol	7.36	128	33059	1.86	ng/ul	98
11) 2-Methylphenol	8.24	108	32410	1.70	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.33	45	37071	1.94	ng/ul#	95
14) Acetophenone	8.62	105	61679	1.96	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.60	70	31718	1.90	ng/ul#	93
16) 4-Methylphenol	8.56	108	39250	1.83	ng/ul	93
17) Hexachloroethane	8.87	117	12552	1.81	ng/ul	98
20) Nitrobenzene	8.99	77	47556	2.00	ng/ul	95
21) Isophorone	9.52	82	88666	1.83	ng/ul	98
23) 2-Nitrophenol	9.70	139	22698	1.93	ng/ul	94
24) 2,4-Dimethylphenol	9.76	107	46708	1.80	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.00	93	48891	1.79	ng/ul	96
27) 2,4-Dichlorophenol	10.23	162	37871	1.77	ng/ul	91
28) Naphthalene	10.63	128	119083	1.90	ng/ul	97
30) 4-Chloroaniline	10.75	127	53765	1.94	ng/ul	97
31) Hexachlorobutadiene	10.92	225	27967	1.93	ng/ul	88
32) Caprolactam	11.55	113	10467	1.21	ng/ul	97
33) 4-Chloro-3-methylphenol	11.87	107	45116	1.70	ng/ul	95
34) 2-Methylnaphthalene	12.25	142	95972	1.87	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	58570	1.93 ng/ul	95
37) Hexachlorocyclopentadiene	12.60	237	24676	1.35 ng/ul#	99
38) 2,4,6-Trichlorophenol	12.86	196	36667	1.71 ng/ul	96
39) 2,4,5-Trichlorophenol	12.93	196	37457	1.67 ng/ul	97
40) 1,1'-Biphenyl	13.26	154	134902	1.91 ng/ul	98
41) 2-Chloronaphthalene	13.30	162	103860	1.87 ng/ul	99
42) 2-Nitroaniline	13.51	65	31293	1.73 ng/ul	97
44) Dimethylphthalate	13.89	163	164014	2.09 ng/ul	96
45) 2,6-Dinitrotoluene	14.01	165	27744	1.73 ng/ul#	87
47) Acenaphthylene	14.15	152	185106	1.97 ng/ul	96
48) 3-Nitroaniline	14.34	138	29762	1.82 ng/ul	88
49) Acenaphthene	14.50	153	120587	1.98 ng/ul	94
50) 2,4-Dinitrophenol	14.55	184	13864	1.28 ng/ul	96
52) 4-Nitrophenol	14.64	109	35263	2.23 ng/ul	90
53) Dibenzofuran	14.83	168	183381	2.01 ng/ul	94
54) 2,4-Dinitrotoluene	14.80	165	49357	2.01 ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.06	232	43004	1.87 ng/ul#	96
56) Diethylphthalate	15.26	149	169882	2.08 ng/ul	98
58) Fluorene	15.48	166	156634	2.08 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.47	204	80710	2.05 ng/ul	96
60) 4-Nitroaniline	15.50	138	37816	2.04 ng/ul	89
63) 4,6-Dinitro-2-methylphenol	15.56	198	35528	2.08 ng/ul#	50
64) N-Nitrosodiphenylamine	15.69	169	140596	1.98 ng/ul	97
65) 4-Bromophenyl-phenylether	16.37	248	56000	1.95 ng/ul	97
66) Hexachlorobenzene	16.48	284	66569	2.07 ng/ul	97
67) Atrazine	16.64	200	62073	2.07 ng/ul	98
68) Pentachlorophenol	16.83	266	34113	1.64 ng/ul	99
69) Phenanthrene	17.22	178	280995	2.06 ng/ul	99
71) Anthracene	17.31	178	286630	2.03 ng/ul	98
72) Carbazole	17.57	167	260271	2.12 ng/ul	98
73) Di-n-butylphthalate	18.14	149	305415	1.98 ng/ul	99
74) Fluoranthene	19.23	202	394134	2.30 ng/ul	97
77) Pyrene	19.59	202	426200	2.10 ng/ul	98
78) Butylbenzylphthalate	20.49	149	148354	1.76 ng/ul	100
79) 3,3'-Dichlorobenzidine	21.27	252	152920	2.04 ng/ul	99
80) Benzo(a)anthracene	21.34	228	488307	2.19 ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.27	149	225167	1.84 ng/ul	100
82) Chrysene	21.39	228	436856	2.16 ng/ul	99
84) Di-n-octyl phthalate	22.16	149	410114	1.92 ng/ul	99
85) Benzo(b)fluoranthene	22.94	252	544662	2.15 ng/ul	100
86) Benzo(k)fluoranthene	22.99	252	507202	2.16 ng/ul	99
88) Benzo(a)pyrene	23.53	252	542038	2.23 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.91	276	645519	2.17 ng/ul	98
90) Dibenzo(a,h)anthracene	25.93	278	554136	2.24 ng/ul	98
91) Benzo(g,h,i)perylene	26.61	276	552355	2.18 ng/ul	96

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

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