Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082416\
Data File : BM007288.D
Acq On : 24 Aug 2016 22:14
Operator : UM/SJ
Sample : MDL-03-S-ML
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 25 10:27:00 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

Instrument :
BNA_M
ClientSampleId :
MDL-03-S-ML

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	189526	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	949178	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	700817	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1974282	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	3023896	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	3467383	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	9435m	2.54	ng/uL	0.00
5) Phenol-d5	6.96	99	403381	22.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	233873	24.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	311226	23.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	355317	22.76	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	171249	24.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	205256	25.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	366769	22.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	528683	26.16	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	1646739	27.24	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	1793026	25.58	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	316004	27.69	ng/ul	0.00
57) Fluorene-d10	15.43	176	1364210	26.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	324411	26.13	ng/ul	0.00
70) Anthracene-d10	17.27	188	2456144	26.63	ng/ul	0.00
76) Pyrene-d10	19.57	212	3274201	25.89	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	4328560	27.10	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	2234m	0.54	ng/uL	
4) Benzaldehyde	6.95	77	24114	2.36	ng/ul	96
6) Phenol	6.99	94	33890	1.83	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.23	93	27648	2.14	ng/ul	98
10) 2-Chlorophenol	7.36	128	26059	1.92	ng/ul	94
11) 2-Methylphenol	8.24	108	24569	1.69	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.33	45	28878	1.98	ng/ul#	95
14) Acetophenone	8.62	105	48912	2.04	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.60	70	25036	1.97	ng/ul	92
16) 4-Methylphenol	8.56	108	28692	1.76	ng/ul	97
17) Hexachloroethane	8.87	117	10781	2.05	ng/ul	88
20) Nitrobenzene	9.00	77	37041	2.07	ng/ul	95
21) Isophorone	9.52	82	72535	1.99	ng/ul	94
23) 2-Nitrophenol	9.70	139	18082	2.04	ng/ul	94
24) 2,4-Dimethylphenol	9.76	107	36488	1.87	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.00	93	38641	1.88	ng/ul	96
27) 2,4-Dichlorophenol	10.23	162	30471	1.89	ng/ul	88
28) Naphthalene	10.63	128	91944	1.95	ng/ul	96
30) 4-Chloroaniline	10.75	127	44153	2.12	ng/ul	99
31) Hexachlorobutadiene	10.92	225	21091	1.94	ng/ul	95
32) Caprolactam	11.55	113	11988m	1.85	ng/ul	
33) 4-Chloro-3-methylphenol	11.87	107	34933	1.75	ng/ul	98
34) 2-Methylnaphthalene	12.25	142	75243	1.95	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	45725	1.96 ng/ul	99
37) Hexachlorocyclopentadiene	12.60	237	19802	1.41 ng/ul	95
38) 2,4,6-Trichlorophenol	12.86	196	28523	1.73 ng/ul	99
39) 2,4,5-Trichlorophenol	12.93	196	30196	1.75 ng/ul	94
40) 1,1'-Biphenyl	13.26	154	107682	1.98 ng/ul	98
41) 2-Chloronaphthalene	13.30	162	84952	1.99 ng/ul	99
42) 2-Nitroaniline	13.51	65	24608	1.77 ng/ul	95
44) Dimethylphthalate	13.89	163	131068	2.18 ng/ul	98
45) 2,6-Dinitrotoluene	14.01	165	22311	1.81 ng/ul	94
47) Acenaphthylene	14.15	152	146588	2.03 ng/ul	98
48) 3-Nitroaniline	14.34	138	23546	1.87 ng/ul#	90
49) Acenaphthene	14.49	153	93821	2.00 ng/ul	97
50) 2,4-Dinitrophenol	14.55	184	10570	1.27 ng/ul#	89
52) 4-Nitrophenol	14.64	109	28626	2.36 ng/ul	89
53) Dibenzofuran	14.83	168	146397	2.08 ng/ul	96
54) 2,4-Dinitrotoluene	14.80	165	39418	2.09 ng/ul	91
55) 2,3,4,6-Tetrachlorophenol	15.06	232	34870	1.98 ng/ul	96
56) Diethylphthalate	15.26	149	136150	2.17 ng/ul	99
58) Fluorene	15.48	166	127251	2.20 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.47	204	64840	2.14 ng/ul	96
60) 4-Nitroaniline	15.50	138	30074	2.11 ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.56	198	28794	2.17 ng/ul#	52
64) N-Nitrosodiphenylamine	15.69	169	113848	2.07 ng/ul	97
65) 4-Bromophenyl-phenylether	16.37	248	45274	2.03 ng/ul	97
66) Hexachlorobenzene	16.48	284	53004	2.12 ng/ul	96
67) Atrazine	16.64	200	48445	2.08 ng/ul	99
68) Pentachlorophenol	16.83	266	26808	1.66 ng/ul	94
69) Phenanthrene	17.22	178	233600	2.20 ng/ul	98
71) Anthracene	17.31	178	237497	2.17 ng/ul	98
72) Carbazole	17.58	167	211056	2.22 ng/ul	98
73) Di-n-butylphthalate	18.14	149	246010	2.06 ng/ul	99
74) Fluoranthene	19.23	202	321022	2.41 ng/ul	99
77) Pyrene	19.59	202	350455	2.16 ng/ul	97
78) Butylbenzylphthalate	20.49	149	122147	1.81 ng/ul	99
79) 3,3'-Dichlorobenzidine	21.27	252	126633	2.11 ng/ul	98
80) Benzo(a)anthracene	21.34	228	404949	2.27 ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.27	149	189511	1.94 ng/ul	99
82) Chrysene	21.39	228	374028	2.32 ng/ul	100
84) Di-n-octyl phthalate	22.15	149	339559	1.97 ng/ul	100
85) Benzo(b)fluoranthene	22.94	252	465711	2.27 ng/ul	99
86) Benzo(k)fluoranthene	22.98	252	423711	2.24 ng/ul	99
88) Benzo(a)pyrene	23.53	252	460434	2.35 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.91	276	555242	2.31 ng/ul	97
90) Dibenzo(a,h)anthracene	25.92	278	466249	2.33 ng/ul	98
91) Benzo(g,h,i)perylene	26.61	276	466376	2.28 ng/ul	96

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

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