Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM082316\
Data File : BM007263.D
Acq On : 23 Aug 2016 21:41
Operator : UM/SJ
Sample : MDL-01-S-ML
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 24 06:42:02 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 23 13:53:51 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-01-S-ML

Manual Integrations APPROVED
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8/24/2016 4:15:24 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	175552	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	875309	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	643259	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1777099	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	2601692	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	2871983	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	7839	2.28	ng/uL	0.00
5) Phenol-d5	6.97	99	324738	19.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	193860	22.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	256503	20.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	292235	20.21	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	141654	22.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	164828	21.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	295748	19.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	433517	23.26	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	1341320	24.17	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1460894	22.71	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	244281	23.32	ng/ul	0.00
57) Fluorene-d10	15.43	176	1122098	23.38	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	242817	21.73	ng/ul	0.00
70) Anthracene-d10	17.27	188	1984711	23.91	ng/ul	0.00
76) Pyrene-d10	19.57	212	2564771	23.58	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	3196620	24.17	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	2321m	0.61	ng/uL	
4) Benzaldehyde	6.95	77	19834	2.10	ng/ul	96
6) Phenol	6.99	94	27127	1.58	ng/ul#	87
8) Bis(2-Chloroethyl)ether	7.23	93	22237	1.86	ng/ul	98
10) 2-Chlorophenol	7.36	128	21122	1.68	ng/ul	96
11) 2-Methylphenol	8.24	108	20721	1.54	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.33	45	24006	1.78	ng/ul#	94
14) Acetophenone	8.62	105	40225	1.81	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.60	70	20901	1.77	ng/ul	99
16) 4-Methylphenol	8.56	108	23512	1.56	ng/ul	91
17) Hexachloroethane	8.87	117	8253	1.69	ng/ul	94
20) Nitrobenzene	9.00	77	30129	1.83	ng/ul	97
21) Isophorone	9.52	82	58528	1.74	ng/ul	97
23) 2-Nitrophenol	9.71	139	13878	1.70	ng/ul	95
24) 2,4-Dimethylphenol	9.76	107	29797	1.66	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.00	93	32260	1.70	ng/ul	100
27) 2,4-Dichlorophenol	10.23	162	24616	1.66	ng/ul#	88
28) Naphthalene	10.64	128	75854	1.74	ng/ul	99
30) 4-Chloroaniline	10.75	127	35373	1.84	ng/ul	95
31) Hexachlorobutadiene	10.92	225	18947	1.89	ng/ul#	90
32) Caprolactam	11.53	113	9639m	1.61	ng/ul	
33) 4-Chloro-3-methylphenol	11.87	107	28794	1.57	ng/ul	98
34) 2-Methylnaphthalene	12.25	142	62759	1.76	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	37051	1.73	ng/ul	98
37) Hexachlorocyclopentadiene	12.60	237	16907	1.31	ng/ul#	95
38) 2,4,6-Trichlorophenol	12.86	196	23177	1.53	ng/ul	91
39) 2,4,5-Trichlorophenol	12.93	196	24081	1.52	ng/ul	97
40) 1,1'-Biphenyl	13.26	154	88619	1.78	ng/ul	97
41) 2-Chloronaphthalene	13.30	162	68845	1.76	ng/ul	99
42) 2-Nitroaniline	13.52	65	19074	1.49	ng/ul	96
44) Dimethylphthalate	13.89	163	108267	1.96	ng/ul	99
45) 2,6-Dinitrotoluene	14.01	165	17405	1.54	ng/ul	93
47) Acenaphthylene	14.15	152	120600	1.82	ng/ul	98
48) 3-Nitroaniline	14.34	138	18421	1.60	ng/ul#	95
49) Acenaphthene	14.50	153	77726	1.80	ng/ul	97
50) 2,4-Dinitrophenol	14.55	184	8038	1.05	ng/ul	95
52) 4-Nitrophenol	14.64	109	21480	1.93	ng/ul	92
53) Dibenzofuran	14.83	168	118275	1.84	ng/ul	98
54) 2,4-Dinitrotoluene	14.80	165	30745	1.78	ng/ul#	95
55) 2,3,4,6-Tetrachlorophenol	15.06	232	26577	1.64	ng/ul#	93
56) Diethylphthalate	15.26	149	109410	1.90	ng/ul	100
58) Fluorene	15.48	166	103994	1.96	ng/ul	95
59) 4-Chlorophenyl-phenylether	15.47	204	53800	1.94	ng/ul	99
60) 4-Nitroaniline	15.50	138	23977	1.83	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.56	198	21380	1.79	ng/ul#	84
64) N-Nitrosodiphenylamine	15.69	169	92215	1.86	ng/ul	100
65) 4-Bromophenyl-phenylether	16.37	248	37189	1.85	ng/ul	96
66) Hexachlorobenzene	16.48	284	42568	1.89	ng/ul	96
67) Atrazine	16.64	200	38958	1.86	ng/ul	97
68) Pentachlorophenol	16.83	266	20432	1.41	ng/ul	96
69) Phenanthrene	17.22	178	184536	1.93	ng/ul	99
71) Anthracene	17.31	178	191759	1.95	ng/ul	99
72) Carbazole	17.58	167	165499	1.93	ng/ul	98
73) Di-n-butylphthalate	18.14	149	194366	1.80	ng/ul	99
74) Fluoranthene	19.23	202	247041	2.06	ng/ul	97
77) Pyrene	19.60	202	273317	1.96	ng/ul	97
78) Butylbenzylphthalate	20.49	149	92802	1.60	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.27	252	97791	1.89	ng/ul	98
80) Benzo(a)anthracene	21.34	228	302346	1.97	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.27	149	144726	1.72	ng/ul#	98
82) Chrysene	21.39	228	276120	1.99	ng/ul	98
84) Di-n-octyl phthalate	22.16	149	258921	1.81	ng/ul	99
85) Benzo(b)fluoranthene	22.94	252	341133	2.01	ng/ul	98
86) Benzo(k)fluoranthene	22.99	252	310671	1.98	ng/ul	99
88) Benzo(a)pyrene	23.53	252	325105	2.00	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.91	276	396539	1.99	ng/ul	100
90) Dibenzo(a,h)anthracene	25.93	278	331506	2.00	ng/ul	99
91) Benzo(g,h,i)perylene	26.62	276	333963	1.97	ng/ul#	96

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

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