Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM082316\
Data File : BM007267.D
Acq On : 24 Aug 2016 00:07
Operator : UM/SJ
Sample : MDL-05-S-ML
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Aug 24 06:48:58 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-05-S-ML

Manual Integrations APPROVED
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8/24/2016 4:15:35 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	153986	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	781731	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	585305	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1607794	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	2357830	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	2613711	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	8292	2.75	ng/uL	0.00
5) Phenol-d5	6.97	99	327837	22.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	195922	25.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	256412	23.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	293708	23.15	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	140514	24.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	167422	24.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	302192	22.65	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	437133	26.26	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	1374999	27.23	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1485962	25.39	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	251774	26.41	ng/ul	0.00
57) Fluorene-d10	15.43	176	1140647	26.12	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	252125	24.94	ng/ul	0.00
70) Anthracene-d10	17.27	188	2032916	27.07	ng/ul	0.00
76) Pyrene-d10	19.57	212	2631118	26.69	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	3315061	27.54	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	2762m	0.82	ng/uL	
4) Benzaldehyde	6.95	77	21318	2.57	ng/ul	88
6) Phenol	6.99	94	27609	1.83	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.23	93	22252	2.12	ng/ul	96
10) 2-Chlorophenol	7.37	128	19900	1.81	ng/ul	92
11) 2-Methylphenol	8.24	108	20272	1.72	ng/ul	88
12) 2,2'-oxybis(1-Chloropropan	8.33	45	24627	2.08	ng/ul	99
14) Acetophenone	8.62	105	40227	2.07	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.60	70	20302	1.96	ng/ul	96
16) 4-Methylphenol	8.56	108	23799	1.80	ng/ul	93
17) Hexachloroethane	8.87	117	8578	2.00	ng/ul	92
20) Nitrobenzene	9.00	77	30342	2.06	ng/ul	97
21) Isophorone	9.52	82	58601	1.95	ng/ul	99
23) 2-Nitrophenol	9.70	139	15213	2.09	ng/ul	95
24) 2,4-Dimethylphenol	9.76	107	30912	1.92	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.00	93	32368	1.91	ng/ul	98
27) 2,4-Dichlorophenol	10.23	162	25384	1.92	ng/ul	94
28) Naphthalene	10.64	128	75474	1.94	ng/ul	98
30) 4-Chloroaniline	10.75	127	34716	2.03	ng/ul	91
31) Hexachlorobutadiene	10.92	225	17970	2.01	ng/ul	88
32) Caprolactam	11.53	113	10531m	1.97	ng/ul	
33) 4-Chloro-3-methylphenol	11.87	107	28693	1.75	ng/ul	98
34) 2-Methylnaphthalene	12.25	142	63037	1.98	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	37437	1.92	ng/ul	98
37) Hexachlorocyclopentadiene	12.60	237	17654	1.50	ng/ul	86
38) 2,4,6-Trichlorophenol	12.86	196	22986	1.67	ng/ul	99
39) 2,4,5-Trichlorophenol	12.93	196	25494	1.77	ng/ul	96
40) 1,1'-Biphenyl	13.26	154	90737	2.00	ng/ul	100
41) 2-Chloronaphthalene	13.30	162	70402	1.98	ng/ul	96
42) 2-Nitroaniline	13.51	65	19709	1.70	ng/ul	96
44) Dimethylphthalate	13.89	163	112282	2.23	ng/ul	98
45) 2,6-Dinitrotoluene	14.01	165	18127	1.76	ng/ul#	91
47) Acenaphthylene	14.15	152	121291	2.01	ng/ul	98
48) 3-Nitroaniline	14.34	138	18518	1.76	ng/ul	99
49) Acenaphthene	14.49	153	77702	1.98	ng/ul	98
50) 2,4-Dinitrophenol	14.55	184	8859	1.27	ng/ul	98
52) 4-Nitrophenol	14.65	109	22532	2.22	ng/ul	93
53) Dibenzofuran	14.83	168	120833	2.06	ng/ul	98
54) 2,4-Dinitrotoluene	14.80	165	31903	2.02	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.06	232	28261	1.92	ng/ul	96
56) Diethylphthalate	15.26	149	114133	2.18	ng/ul	99
58) Fluorene	15.48	166	105898	2.19	ng/ul	91
59) 4-Chlorophenyl-phenylether	15.47	204	53933	2.14	ng/ul	98
60) 4-Nitroaniline	15.50	138	24805m	2.08	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.56	198	23457	2.17	ng/ul#	54
64) N-Nitrosodiphenylamine	15.69	169	91847	2.05	ng/ul	94
65) 4-Bromophenyl-phenylether	16.37	248	37232	2.05	ng/ul	98
66) Hexachlorobenzene	16.48	284	42771	2.10	ng/ul	95
67) Atrazine	16.64	200	37819	2.00	ng/ul	98
68) Pentachlorophenol	16.83	266	21535	1.64	ng/ul	95
69) Phenanthrene	17.22	178	190899	2.21	ng/ul	99
71) Anthracene	17.31	178	196548	2.21	ng/ul	100
72) Carbazole	17.58	167	173676	2.24	ng/ul	98
73) Di-n-butylphthalate	18.14	149	196758	2.02	ng/ul	99
74) Fluoranthene	19.23	202	254575	2.35	ng/ul	98
77) Pyrene	19.59	202	281897	2.23	ng/ul	98
78) Butylbenzylphthalate	20.49	149	94171	1.79	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.27	252	94194	2.01	ng/ul	99
80) Benzo(a)anthracene	21.34	228	318500	2.29	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.27	149	147051	1.93	ng/ul	98
82) Chrysene	21.39	228	286180	2.27	ng/ul	99
84) Di-n-octyl phthalate	22.16	149	256331	1.97	ng/ul	100
85) Benzo(b)fluoranthene	22.94	252	343269	2.22	ng/ul	99
86) Benzo(k)fluoranthene	22.99	252	333165	2.33	ng/ul	99
88) Benzo(a)pyrene	23.53	252	345522	2.34	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.91	276	412152	2.27	ng/ul	100
90) Dibenzo(a,h)anthracene	25.93	278	343385	2.27	ng/ul	99
91) Benzo(g,h,i)perylene	26.61	276	343695	2.23	ng/ul	98

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

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