Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM082316\
Data File : BM007271.D
Acq On : 24 Aug 2016 02:32
Operator : UM/SJ
Sample : MDL-01-W
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Aug 24 06:57:13 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-W

Manual Integrations APPROVED
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8/24/2016 4:15:44 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	201616	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	996480	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	725302	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1982016	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	2894925	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	3209175	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	9614	2.44	ng/uL	0.00
5) Phenol-d5	6.97	99	423994	22.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	252287	25.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	333798	23.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	377129	22.71	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	183360	25.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	218724	25.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	389123	22.88	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	546956	25.78	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	1652300	26.41	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1822927	25.13	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	305837	25.89	ng/ul	0.00
57) Fluorene-d10	15.43	176	1377393	25.45	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	302007	24.23	ng/ul	0.00
70) Anthracene-d10	17.27	188	2393698	25.85	ng/ul	0.00
76) Pyrene-d10	19.57	212	3077458	25.42	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	3877929	26.24	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	2802m	0.64	ng/uL	
4) Benzaldehyde	6.95	77	28580	2.63	ng/ul	96
6) Phenol	6.99	94	42123	2.13	ng/ul#	91
8) Bis(2-Chloroethyl)ether	7.23	93	33254	2.42	ng/ul	94
10) 2-Chlorophenol	7.37	128	32027	2.22	ng/ul	97
11) 2-Methylphenol	8.24	108	30794	1.99	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.33	45	35419	2.29	ng/ul#	93
14) Acetophenone	8.62	105	59268	2.33	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.60	70	29570	2.18	ng/ul	98
16) 4-Methylphenol	8.56	108	35732	2.06	ng/ul	92
17) Hexachloroethane	8.87	117	12868	2.30	ng/ul	98
20) Nitrobenzene	9.00	77	45756	2.44	ng/ul#	98
21) Isophorone	9.52	82	84592	2.21	ng/ul	99
23) 2-Nitrophenol	9.70	139	21707	2.34	ng/ul	93
24) 2,4-Dimethylphenol	9.76	107	42916	2.10	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.00	93	49372	2.29	ng/ul	99
27) 2,4-Dichlorophenol	10.23	162	37131	2.20	ng/ul#	85
28) Naphthalene	10.63	128	112668	2.27	ng/ul	99
30) 4-Chloroaniline	10.75	127	49918	2.29	ng/ul	100
31) Hexachlorobutadiene	10.92	225	26354	2.31	ng/ul	99
32) Caprolactam	11.53	113	13372m	1.96	ng/ul	
33) 4-Chloro-3-methylphenol	11.87	107	43927	2.10	ng/ul	96
34) 2-Methylnaphthalene	12.25	142	92345	2.28	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	54066	2.24	ng/ul	99
37) Hexachlorocyclopentadiene	12.60	237	26199	1.80	ng/ul	94
38) 2,4,6-Trichlorophenol	12.86	196	34049	1.99	ng/ul	98
39) 2,4,5-Trichlorophenol	12.93	196	35934	2.02	ng/ul	98
40) 1,1'-Biphenyl	13.26	154	129162	2.30	ng/ul	98
41) 2-Chloronaphthalene	13.30	162	99985	2.27	ng/ul	99
42) 2-Nitroaniline	13.51	65	28584	1.98	ng/ul	96
44) Dimethylphthalate	13.89	163	151653	2.43	ng/ul	99
45) 2,6-Dinitrotoluene	14.01	165	26842	2.11	ng/ul	92
47) Acenaphthylene	14.15	152	173344	2.32	ng/ul	98
48) 3-Nitroaniline	14.34	138	27247	2.10	ng/ul	94
49) Acenaphthene	14.50	153	111137	2.29	ng/ul	96
50) 2,4-Dinitrophenol	14.55	184	11862	1.37	ng/ul	97
52) 4-Nitrophenol	14.64	109	31158	2.48	ng/ul	92
53) Dibenzofuran	14.83	168	170387	2.34	ng/ul	97
54) 2,4-Dinitrotoluene	14.80	165	43592	2.23	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.06	232	39311	2.15	ng/ul#	93
56) Diethylphthalate	15.26	149	151923	2.34	ng/ul	99
58) Fluorene	15.48	166	142890	2.39	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.47	204	76754	2.45	ng/ul	98
60) 4-Nitroaniline	15.50	138	34319	2.33	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.56	198	30721	2.31	ng/ul#	85
64) N-Nitrosodiphenylamine	15.69	169	128333	2.32	ng/ul	100
65) 4-Bromophenyl-phenylether	16.37	248	51137	2.29	ng/ul	97
66) Hexachlorobenzene	16.48	284	60696	2.42	ng/ul	97
67) Atrazine	16.64	200	53564	2.29	ng/ul	97
68) Pentachlorophenol	16.83	266	30235	1.87	ng/ul	96
69) Phenanthrene	17.22	178	252629	2.37	ng/ul	100
71) Anthracene	17.31	178	263325	2.40	ng/ul	100
72) Carbazole	17.58	167	230941	2.42	ng/ul	100
73) Di-n-butylphthalate	18.14	149	276723	2.30	ng/ul	99
74) Fluoranthene	19.23	202	339144	2.54	ng/ul	96
77) Pyrene	19.59	202	377718	2.43	ng/ul	98
78) Butylbenzylphthalate	20.49	149	128546	1.99	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.27	252	141382	2.46	ng/ul	99
80) Benzo(a)anthracene	21.34	228	423593	2.48	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.27	149	201296	2.15	ng/ul	97
82) Chrysene	21.39	228	383805	2.48	ng/ul	99
84) Di-n-octyl phthalate	22.16	149	361072	2.26	ng/ul	99
85) Benzo(b)fluoranthene	22.94	252	467316	2.46	ng/ul	98
86) Benzo(k)fluoranthene	22.99	252	444383	2.53	ng/ul	100
88) Benzo(a)pyrene	23.53	252	462977	2.55	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.91	276	561122	2.52	ng/ul	100
90) Dibenzo(a,h)anthracene	25.92	278	471424	2.54	ng/ul	97
91) Benzo(g,h,i)perylene	26.61	276	472050	2.49	ng/ul	98

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

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