Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082416\
Data File : BM007286.D
Acq On : 24 Aug 2016 21:01
Operator : UM/SJ
Sample : MDL-01-S-ML
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

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8/25/2016 6:31:27 PM

Quant Time: Aug 25 10:20:10 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	238225	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1196613	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	881832	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	2441235	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	3646477	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	4091321	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	10455	2.24	ng/uL	0.00
5) Phenol-d5	6.96	99	452122	20.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	264145	22.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	353766	21.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	397938	20.28	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	194295	22.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	228906	22.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	415653	20.35	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	590948	23.20	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	1829786	24.05	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1984849	22.51	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	347962	24.23	ng/ul	0.00
57) Fluorene-d10	15.43	176	1516371	23.05	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	364049	23.72	ng/ul	0.00
70) Anthracene-d10	17.27	188	2693987	23.62	ng/ul	0.00
76) Pyrene-d10	19.57	212	3567196	23.39	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	4563986	24.22	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	2928m	0.56	ng/uL	
4) Benzaldehyde	6.95	77	26803	2.09	ng/ul	96
6) Phenol	6.99	94	37472	1.61	ng/ul#	79
8) Bis(2-Chloroethyl)ether	7.23	93	30781	1.89	ng/ul	97
10) 2-Chlorophenol	7.37	128	28241	1.66	ng/ul	97
11) 2-Methylphenol	8.24	108	28672	1.57	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.33	45	33101	1.81	ng/ul	96
14) Acetophenone	8.62	105	55404	1.84	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.60	70	27806	1.74	ng/ul	96
16) 4-Methylphenol	8.56	108	32878	1.61	ng/ul	94
17) Hexachloroethane	8.87	117	11790	1.78	ng/ul	90
20) Nitrobenzene	9.00	77	39622	1.76	ng/ul	99
21) Isophorone	9.52	82	78929	1.72	ng/ul	97
23) 2-Nitrophenol	9.70	139	18837	1.69	ng/ul#	85
24) 2,4-Dimethylphenol	9.76	107	40930	1.66	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.00	93	44704	1.73	ng/ul#	96
27) 2,4-Dichlorophenol	10.23	162	33445	1.65	ng/ul#	79
28) Naphthalene	10.64	128	104812	1.76	ng/ul	98
30) 4-Chloroaniline	10.75	127	47960	1.83	ng/ul	97
31) Hexachlorobutadiene	10.92	225	24800	1.81	ng/ul	96
32) Caprolactam	11.55	113	13954m	1.71	ng/ul	
33) 4-Chloro-3-methylphenol	11.87	107	39481	1.57	ng/ul	99
34) 2-Methylnaphthalene	12.24	142	85124	1.75	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	52158	1.78	ng/ul	98
37) Hexachlorocyclopentadiene	12.60	237	23807	1.34	ng/ul	97
38) 2,4,6-Trichlorophenol	12.86	196	31605	1.52	ng/ul	97
39) 2,4,5-Trichlorophenol	12.93	196	33561	1.55	ng/ul	94
40) 1,1'-Biphenyl	13.26	154	123052	1.80	ng/ul	99
41) 2-Chloronaphthalene	13.30	162	92721	1.73	ng/ul	99
42) 2-Nitroaniline	13.51	65	27682	1.58	ng/ul	98
44) Dimethylphthalate	13.89	163	147774	1.95	ng/ul	100
45) 2,6-Dinitrotoluene	14.01	165	25120	1.62	ng/ul	93
47) Acenaphthylene	14.15	152	163037	1.80	ng/ul	98
48) 3-Nitroaniline	14.34	138	25601	1.62	ng/ul#	88
49) Acenaphthene	14.49	153	106347	1.80	ng/ul	98
50) 2,4-Dinitrophenol	14.54	184	12476	1.19	ng/ul	98
52) 4-Nitrophenol	14.64	109	31657	2.07	ng/ul	93
53) Dibenzofuran	14.83	168	163517	1.85	ng/ul	97
54) 2,4-Dinitrotoluene	14.80	165	44371	1.87	ng/ul	93
55) 2,3,4,6-Tetrachlorophenol	15.06	232	39512	1.78	ng/ul	96
56) Diethylphthalate	15.26	149	152747	1.93	ng/ul	99
58) Fluorene	15.48	166	138165	1.90	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.47	204	73048	1.92	ng/ul	97
60) 4-Nitroaniline	15.50	138	32200	1.79	ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.56	198	31774	1.94	ng/ul#	39
64) N-Nitrosodiphenylamine	15.69	169	128867	1.89	ng/ul	100
65) 4-Bromophenyl-phenylether	16.37	248	49888	1.81	ng/ul	97
66) Hexachlorobenzene	16.48	284	58356	1.89	ng/ul	94
67) Atrazine	16.63	200	54100	1.88	ng/ul	97
68) Pentachlorophenol	16.83	266	30397	1.53	ng/ul	93
69) Phenanthrene	17.22	178	247627	1.89	ng/ul	98
71) Anthracene	17.31	178	259447	1.92	ng/ul	98
72) Carbazole	17.58	167	234070	1.99	ng/ul	100
73) Di-n-butylphthalate	18.14	149	266891	1.80	ng/ul	99
74) Fluoranthene	19.23	202	350333	2.13	ng/ul	99
77) Pyrene	19.60	202	383835	1.96	ng/ul	96
78) Butylbenzylphthalate	20.49	149	128074	1.57	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.27	252	136654	1.89	ng/ul	99
80) Benzo(a)anthracene	21.34	228	437501	2.04	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.27	149	199572	1.69	ng/ul	99
82) Chrysene	21.39	228	397192	2.04	ng/ul	99
84) Di-n-octyl phthalate	22.16	149	352684	1.73	ng/ul	99
85) Benzo(b)fluoranthene	22.94	252	471920	1.95	ng/ul	97
86) Benzo(k)fluoranthene	22.99	252	454860	2.03	ng/ul	98
88) Benzo(a)pyrene	23.53	252	481589	2.08	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.91	276	576727	2.03	ng/ul	98
90) Dibenzo(a,h)anthracene	25.93	278	484275	2.05	ng/ul	97
91) Benzo(g,h,i)perylene	26.61	276	481783	2.00	ng/ul	97

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

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