Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090917\
Data File : BM011483.D
Acq On : 09 Sep 2017 12:47
Operator : SJ/JU
Sample : MDL-W-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-W-05

Manual Integrations APPROVED
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9/11/2017 2:43:40 PM

Quant Time: Sep 11 09:11:21 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 11 02:59:45 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	409868	20.00	ng/ul	0.00
18) Naphthalene-d8	10.79	136	1867849	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.61	164	1110302	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.34	188	2515101	20.00	ng/ul	0.00
78) Chrysene-d12	21.51	240	2984448	20.00	ng/ul	0.00
86) Perylene-d12	23.88	264	2898708	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.40	96	45696	5.02	ng/uL	0.00
5) Phenol-d5	7.13	99	1152923	29.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.30	67	839298	31.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.50	132	921510	31.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.67	113	939163	30.57	ng/ul	0.00
19) Nitrobenzene-d5	9.14	128	458665	32.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.86	143	464642	31.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.40	165	899935	30.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.92	131	1295060	39.55	ng/ul	0.00
44) Dimethylphthalate-d6	14.01	166	3064176	32.64	ng/ul	0.00
47) Acenaphthylene-d8	14.30	160	3722805	32.79	ng/ul	0.00
52) 4-Nitrophenol-d4	14.79	143	477804	27.09	ng/ul	0.00
58) Fluorene-d10	15.60	176	2603182	32.02	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	379332	25.92	ng/ul	0.00
71) Anthracene-d10	17.44	188	4022145	32.47	ng/ul	0.00
79) Pyrene-d10	19.73	212	4505768	32.24	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.73	264	4564490	33.04	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	18292	1.832	ng/uL#	63
4) Benzaldehyde	7.12	77	56224	2.500	ng/ul	93
6) Phenol	7.15	94	154475	3.954	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.39	93	133195	4.331	ng/ul#	87
10) 2-Chlorophenol	7.54	128	118987	4.112	ng/ul	96
11) 2-Methylphenol	8.41	108	110681	3.737	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.51	45	216534	4.344	ng/ul	94
14) Acetophenone	8.80	105	195852	4.170	ng/ul#	94
15) N-Nitroso-di-n-propylamine	8.78	70	99782	3.959	ng/ul#	79
16) 4-Methylphenol	8.73	108	125095	3.860	ng/ul	98
17) Hexachloroethane	9.06	117	45905	4.150	ng/ul#	78
20) Nitrobenzene	9.18	77	139788	4.193	ng/ul	96
21) Isophorone	9.70	82	269281	4.011	ng/ul#	98
23) 2-Nitrophenol	9.89	139	65639	4.238	ng/ul#	93
24) 2,4-Dimethylphenol	9.95	107	133443	4.027	ng/ul	89
25) Bis(2-Chloroethoxy)methane	10.19	93	180976	4.135	ng/ul	97
27) 2,4-Dichlorophenol	10.43	162	117279	4.099	ng/ul	93
28) Naphthalene	10.83	128	418378	4.319	ng/ul	99
30) 4-Chloroaniline	10.94	127	151886	4.882	ng/ul	95
31) Hexachlorobutadiene	11.12	225	70013	4.312	ng/ul	96
32) Caprolactam	11.75	113	32151m	3.570	ng/ul	
33) 4-Chloro-3-methylphenol	12.05	107	115809	3.818	ng/ul	94
34) 2-Methylnaphthalene	12.44	142	299549	4.165	ng/ul	97

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35) 1-Methylnaphthalene	12.66	142	289359	4.224	ng/ul#	97
37) 1,2,4,5-Tetrachlorobenzene	12.80	216	141470	4.295	ng/ul#	98
38) Hexachlorocyclopentadiene	12.78	237	55474	3.005	ng/ul#	92
39) 2,4,6-Trichlorophenol	13.04	196	83144	3.708	ng/ul	96
40) 2,4,5-Trichlorophenol	13.11	196	81176	3.570	ng/ul	98
41) 1,1'-Biphenyl	13.44	154	386279	4.181	ng/ul#	95
42) 2-Chloronaphthalene	13.49	162	285796	4.111	ng/ul	97
43) 2-Nitroaniline	13.69	65	67934	3.146	ng/ul	83
45) Dimethylphthalate	14.06	163	384613	4.280	ng/ul#	97
46) 2,6-Dinitrotoluene	14.18	165	54504	3.434	ng/ul#	88
48) Acenaphthylene	14.33	152	492414	4.310	ng/ul	100
49) 3-Nitroaniline	14.51	138	55935	2.858	ng/ul#	99
50) Acenaphthene	14.67	153	324886	4.208	ng/ul	98
51) 2,4-Dinitrophenol	14.72	184	23764	2.423	ng/ul#	71
53) 4-Nitrophenol	14.80	109	42085	3.712	ng/ul#	48
54) Dibenzofuran	15.00	168	470065	4.353	ng/ul	97
55) 2,4-Dinitrotoluene	14.96	165	82356	3.530	ng/ul#	70
56) 2,3,4,6-Tetrachlorophenol	15.23	232	75328	3.635	ng/ul#	75
57) Diethylphthalate	15.42	149	375393	4.014	ng/ul	97
59) Fluorene	15.65	166	382482	4.226	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.64	204	176677	4.166	ng/ul#	88
61) 4-Nitroaniline	15.66	138	65664	3.132	ng/ul#	80
64) 4,6-Dinitro-2-methylphenol	15.72	198	53740	3.584	ng/ul#	80
65) N-Nitrosodiphenylamine	15.86	169	315341	4.116	ng/ul	99
66) 4-Bromophenyl-phenylether	16.53	248	102210	3.979	ng/ul#	89
67) Hexachlorobenzene	16.65	284	116628	4.124	ng/ul#	88
68) Atrazine	16.80	200	91810	3.459	ng/ul	97
69) Pentachlorophenol	16.99	266	54643	3.009	ng/ul	97
70) Phenanthrene	17.39	178	592282	4.225	ng/ul	99
72) Anthracene	17.48	178	627355	4.361	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.41	216	139011	4.148	ng/uL	99
74) Pentachlorobenzene	14.92	250	143558	4.223	ng/uL	97
75) Carbazole	17.74	167	505224	4.117	ng/ul	98
76) Di-n-butylphthalate	18.30	149	603272	3.742	ng/ul	98
77) Fluoranthene	19.39	202	660296	4.579	ng/ul#	88
80) Pyrene	19.76	202	753121	4.325	ng/ul#	85
81) Butylbenzylphthalate	20.64	149	256986	3.209	ng/ul#	94
82) 3,3'-Dichlorobenzidine	21.42	252	179691	3.315	ng/ul#	97
83) Benzo(a)anthracene	21.49	228	695041	4.230	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.40	149	398676	3.242	ng/ul#	96
85) Chrysene	21.54	228	635723	4.267	ng/ul	99
87) Di-n-octyl phthalate	22.32	149	694569	3.376	ng/ul	100
88) Benzo(b)fluoranthene	23.16	252	684780	3.927	ng/ul#	97
89) Benzo(k)fluoranthene	23.20	252	681049	4.067	ng/ul#	95
91) Benzo(a)pyrene	23.78	252	689977	4.192	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	26.31	276	746860	4.125	ng/ul#	87
93) Dibenzo(a,h)anthracene	26.33	278	628023	4.091	ng/ul#	93
94) Benzo(g,h,i)perylene	27.06	276	625647	4.267	ng/ul#	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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