Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM091117\
Data File : BM011493.D
Acq On : 11 Sep 2017 13:01
Operator : SJ/JU
Sample : MDL-S-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-S-04

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9/12/2017 2:21:53 PM

Quant Time: Sep 11 13:47:29 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 11 13:34:52 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	423825	20.00	ng/ul	0.00
18) Naphthalene-d8	10.79	136	1927095	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.61	164	1145039	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.34	188	2564132	20.00	ng/ul	0.00
78) Chrysene-d12	21.51	240	2915172	20.00	ng/ul	0.00
86) Perylene-d12	23.89	264	2793938	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.40	96	40465	4.29	ng/uL	0.00
5) Phenol-d5	7.12	99	1210533	29.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.30	67	884425	32.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.50	132	951755	31.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.67	113	976774	30.74	ng/ul	0.00
19) Nitrobenzene-d5	9.14	128	476582	32.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.86	143	471413	31.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.40	165	916904	29.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.92	131	1332436	39.44	ng/ul	0.00
44) Dimethylphthalate-d6	14.01	166	3149568	32.54	ng/ul	0.00
47) Acenaphthylene-d8	14.30	160	3843671	32.83	ng/ul	0.00
52) 4-Nitrophenol-d4	14.79	143	475375	26.13	ng/ul	0.00
58) Fluorene-d10	15.60	176	2702762	32.23	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	385728	25.85	ng/ul	0.00
71) Anthracene-d10	17.44	188	4186512	33.16	ng/ul	0.00
79) Pyrene-d10	19.73	212	4601886	33.71	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.73	264	4441399	33.36	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	17082	1.654	ng/uL#	80
4) Benzaldehyde	7.12	77	50862	2.187	ng/ul	95
6) Phenol	7.15	94	140569	3.480	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.39	93	121411	3.818	ng/ul#	86
10) 2-Chlorophenol	7.54	128	105360	3.521	ng/ul	91
11) 2-Methylphenol	8.41	108	95835	3.129	ng/ul	89
12) 2,2'-oxybis(1-Chloropropan	8.51	45	194112	3.766	ng/ul	94
14) Acetophenone	8.80	105	172215	3.546	ng/ul#	94
15) N-Nitroso-di-n-propylamine	8.78	70	91937	3.528	ng/ul#	79
16) 4-Methylphenol	8.73	108	116621	3.480	ng/ul	94
17) Hexachloroethane	9.06	117	39530	3.456	ng/ul#	81
20) Nitrobenzene	9.18	77	129595	3.767	ng/ul	90
21) Isophorone	9.70	82	238843	3.449	ng/ul	98
23) 2-Nitrophenol	9.89	139	57117	3.575	ng/ul#	91
24) 2,4-Dimethylphenol	9.95	107	119845	3.505	ng/ul#	87
25) Bis(2-Chloroethoxy)methane	10.19	93	163493	3.620	ng/ul	96
27) 2,4-Dichlorophenol	10.42	162	104282	3.533	ng/ul	91
28) Naphthalene	10.83	128	376207	3.765	ng/ul	99
30) 4-Chloroaniline	10.94	127	127645	3.976	ng/ul	94
31) Hexachlorobutadiene	11.12	225	61211	3.654	ng/ul	97
32) Caprolactam	11.75	113	27471m	2.957	ng/ul	
33) 4-Chloro-3-methylphenol	12.05	107	101029	3.228	ng/ul	98
34) 2-Methylnaphthalene	12.44	142	264728	3.567	ng/ul	98

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35) 1-Methylnaphthalene	12.66	142	254488	3.601	ng/ul#	96
37) 1,2,4,5-Tetrachlorobenzene	12.80	216	125537	3.696	ng/ul#	92
38) Hexachlorocyclopentadiene	12.78	237	48013	2.522	ng/ul#	87
39) 2,4,6-Trichlorophenol	13.04	196	70827	3.063	ng/ul	98
40) 2,4,5-Trichlorophenol	13.12	196	73864	3.150	ng/ul	99
41) 1,1'-Biphenyl	13.44	154	341178	3.581	ng/ul#	95
42) 2-Chloronaphthalene	13.49	162	260623	3.635	ng/ul	100
43) 2-Nitroaniline	13.69	65	61377	2.756	ng/ul	86
45) Dimethylphthalate	14.06	163	341754	3.687	ng/ul#	96
46) 2,6-Dinitrotoluene	14.17	165	48523	2.964	ng/ul#	83
48) Acenaphthylene	14.33	152	438502	3.721	ng/ul	98
49) 3-Nitroaniline	14.51	138	48801	2.418	ng/ul#	90
50) Acenaphthene	14.67	153	291739	3.664	ng/ul	99
51) 2,4-Dinitrophenol	14.71	184	19295	1.908	ng/ul#	74
53) 4-Nitrophenol	14.80	109	36988	3.163	ng/ul#	29
54) Dibenzofuran	15.00	168	418083	3.754	ng/ul	94
55) 2,4-Dinitrotoluene	14.96	165	72920	3.031	ng/ul#	72
56) 2,3,4,6-Tetrachlorophenol	15.23	232	65938	3.085	ng/ul#	76
57) Diethylphthalate	15.41	149	337339	3.498	ng/ul	95
59) Fluorene	15.65	166	339588	3.638	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.64	204	155874	3.564	ng/ul	92
61) 4-Nitroaniline	15.67	138	56992	2.636	ng/ul#	84
64) 4,6-Dinitro-2-methylphenol	15.72	198	47218	3.088	ng/ul#	59
65) N-Nitrosodiphenylamine	15.85	169	276134	3.535	ng/ul	97
66) 4-Bromophenyl-phenylether	16.53	248	90093	3.440	ng/ul#	93
67) Hexachlorobenzene	16.65	284	102857	3.568	ng/ul#	91
68) Atrazine	16.80	200	82565	3.051	ng/ul	96
69) Pentachlorophenol	16.99	266	45737	2.471	ng/ul	99
70) Phenanthrene	17.39	178	533987	3.736	ng/ul	99
72) Anthracene	17.48	178	558765	3.810	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.41	216	127150	3.721	ng/uL	95
74) Pentachlorobenzene	14.92	250	126977	3.664	ng/uL	95
75) Carbazole	17.74	167	446941	3.572	ng/ul	98
76) Di-n-butylphthalate	18.30	149	539096	3.280	ng/ul	99
77) Fluoranthene	19.39	202	568393	3.867	ng/ul#	87
80) Pyrene	19.76	202	663642	3.902	ng/ul#	85
81) Butylbenzylphthalate	20.64	149	223601	2.859	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.42	252	146759	2.772	ng/ul#	95
83) Benzo(a)anthracene	21.49	228	600424	3.741	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.40	149	348480	2.901	ng/ul#	98
85) Chrysene	21.54	228	554529	3.811	ng/ul	99
87) Di-n-octyl phthalate	22.32	149	605523	3.054	ng/ul	100
88) Benzo(b)fluoranthene	23.16	252	569851	3.390	ng/ul#	96
89) Benzo(k)fluoranthene	23.20	252	571969	3.543	ng/ul#	95
91) Benzo(a)pyrene	23.77	252	579610	3.653	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	26.31	276	608421	3.486	ng/ul#	83
93) Dibenzo(a,h)anthracene	26.32	278	517856	3.499	ng/ul#	92
94) Benzo(g,h,i)perylene	27.06	276	515297	3.646	ng/ul#	90

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

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