Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091118\
Data File : BM016726.D
Acq On : 11 Sep 2018 17:18
Operator : SJ/JU
Sample : MDL-S-01
Misc : 4PPM/1PPM
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-S-01

Quant Time: Sep 11 18:03:51 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 10 15:28:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	198714	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	828152	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.37	164	451900	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.12	188	999830	20.00	ng/ul	0.00
78) Chrysene-d12	21.31	240	1121822	20.00	ng/ul	-0.01
86) Perylene-d12	23.55	264	1160351	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	31206	6.72	ng/uL	0.00
5) Phenol-d5	6.90	99	453576	27.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	289779	27.92	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.27	132	378190	27.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	355836	27.44	ng/ul	-0.01
19) Nitrobenzene-d5	8.89	128	165274	30.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	146759	29.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	337619	26.86	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.65	131	466237	30.72	ng/ul	0.00
44) Dimethylphthalate-d6	13.79	166	1031364	28.42	ng/ul	0.00
47) Acenaphthylene-d8	14.07	160	1312569	28.01	ng/ul	0.00
52) 4-Nitrophenol-d4	14.57	143	147211	24.72	ng/ul	0.00
58) Fluorene-d10	15.37	176	904212	28.55	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.49	200	91857	22.38	ng/ul	0.00
71) Anthracene-d10	17.22	188	1352123	28.03	ng/ul	0.00
79) Pyrene-d10	19.52	212	1492374	27.42	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.41	264	1718354	28.39	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	8244	1.705	ng/uL#	74
4) Benzaldehyde	6.89	77	49825	5.282	ng/ul	91
6) Phenol	6.93	94	62752	3.751	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.17	93	50216	3.898	ng/ul	95
10) 2-Chlorophenol	7.30	128	52137	3.795	ng/ul	99
11) 2-Methylphenol	8.18	108	43671	3.483	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.28	45	77646	3.812	ng/ul#	93
14) Acetophenone	8.55	105	75520	3.757	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.54	70	36102	3.589	ng/ul	90
16) 4-Methylphenol	8.50	108	49457	3.731	ng/ul	97
17) Hexachloroethane	8.81	117	20469	3.793	ng/ul	83
20) Nitrobenzene	8.93	77	54698	3.974	ng/ul	93
21) Isophorone	9.45	82	94897	3.469	ng/ul	96
23) 2-Nitrophenol	9.63	139	23184	4.059	ng/ul	93
24) 2,4-Dimethylphenol	9.70	107	53025	3.598	ng/ul	87
25) Bis(2-Chloroethoxy)methane	9.94	93	64400	3.809	ng/ul#	97
27) 2,4-Dichlorophenol	10.16	162	46888	3.882	ng/ul	90
28) Naphthalene	10.57	128	166983	3.921	ng/ul	99
30) 4-Chloroaniline	10.67	127	45921	3.024	ng/ul	93
31) Hexachlorobutadiene	10.86	225	33023	4.050	ng/ul	99
32) Caprolactam	11.45	113	10799	2.827	ng/ul	82
33) 4-Chloro-3-methylphenol	11.80	107	42498	3.357	ng/ul	99
34) 2-Methylnaphthalene	12.19	142	117669	3.922	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.19	142	117669	3.922	ng/ul#	94
37) 1,2,4,5-Tetrachlorobenzene	12.55	216	60626	3.906	ng/ul#	91
38) Hexachlorocyclopentadiene	12.53	237	32055	3.317	ng/ul#	90
39) 2,4,6-Trichlorophenol	12.80	196	28219	3.193	ng/ul	94
40) 2,4,5-Trichlorophenol	12.86	196	32592	3.379	ng/ul	98
41) 1,1'-Biphenyl	13.20	154	147013	3.911	ng/ul#	93
42) 2-Chloronaphthalene	13.25	162	113850	3.870	ng/ul	100
43) 2-Nitroaniline	13.45	65	21170	3.266	ng/ul	92
45) Dimethylphthalate	13.84	163	138140	3.895	ng/ul#	99
46) 2,6-Dinitrotoluene	13.95	165	17733	3.256	ng/ul	95
48) Acenaphthylene	14.09	152	172892	3.898	ng/ul	99
49) 3-Nitroaniline	14.28	138	17540	2.961	ng/ul#	93
50) Acenaphthene	14.44	153	123468	3.920	ng/ul	96
51) 2,4-Dinitrophenol	14.48	184	6046	2.482	ng/ul#	75
53) 4-Nitrophenol	14.58	109	16940	3.692	ng/ul#	75
54) Dibenzofuran	14.77	168	171888	3.978	ng/ul	99
55) 2,4-Dinitrotoluene	14.74	165	26150	3.265	ng/ul#	87
56) 2,3,4,6-Tetrachlorophenol	15.00	232	23958	3.071	ng/ul#	84
57) Diethylphthalate	15.21	149	128288	3.652	ng/ul	98
59) Fluorene	15.43	166	138269	3.895	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.43	204	71094	3.950	ng/ul	92
61) 4-Nitroaniline	15.44	138	20535	2.822	ng/ul#	91
64) 4,6-Dinitro-2-methylphenol	15.50	198	15366	3.339	ng/ul#	80
65) N-Nitrosodiphenylamine	15.64	169	114400	3.699	ng/ul	97
66) 4-Bromophenyl-phenylether	16.32	248	41535	3.672	ng/ul	96
67) Hexachlorobenzene	16.42	284	47872	3.932	ng/ul#	91
68) Atrazine	16.60	200	34928	3.195	ng/ul	96
69) Pentachlorophenol	16.77	266	16536	2.512	ng/ul	97
70) Phenanthrene	17.16	178	218491	3.934	ng/ul	98
72) Anthracene	17.26	178	220578	3.869	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.16	216	63965	3.865	ng/uL	94
74) Pentachlorobenzene	14.69	250	58849	3.942	ng/uL	97
75) Carbazole	17.53	167	180882	3.609	ng/ul	98
76) Di-n-butylphthalate	18.11	149	180010	3.087	ng/ul	100
77) Fluoranthene	19.18	202	238087	3.740	ng/ul#	89
80) Pyrene	19.54	202	263451	3.825	ng/ul#	88
81) Butylbenzylphthalate	20.47	149	69791	2.740	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.23	252	62312	2.804	ng/ul	94
83) Benzo(a)anthracene	21.30	228	260119	3.745	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.25	149	109036	2.724	ng/ul#	95
85) Chrysene	21.34	228	250282	3.864	ng/ul	99
87) Di-n-octyl phthalate	22.14	149	175278	2.514	ng/ul	100
88) Benzo(b)fluoranthene	22.88	252	257974	3.714	ng/ul#	95
89) Benzo(k)fluoranthene	22.93	252	248245	3.722	ng/ul#	97
91) Benzo(a)pyrene	23.46	252	258909	3.911	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	25.80	276	288845	3.658	ng/ul#	89
93) Dibenzo(a,h)anthracene	25.82	278	244418	3.700	ng/ul#	93
94) Benzo(g,h,i)perylene	26.49	276	244350	3.731	ng/ul#	92

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

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