Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091118\
Data File : BM016732.D
Acq On : 11 Sep 2018 20:56
Operator : SJ/JU
Sample : MDL-S-07
Misc : 4PPM/1PPM
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-S-07

Manual Integrations APPROVED
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9/12/2018 2:57:41 PM

Quant Time: Sep 12 01:29:53 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	7.73	152	213396	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.52	136	886818	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.37	164	482097	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.12	188	1058063	20.00	ng/ul	0.00
78) Chrysene-d12	21.31	240	1183441	20.00	ng/ul	-0.01
86) Perylene-d12	23.55	264	1224131	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	31940	6.40	ng/uL	0.00
5) Phenol-d5	6.90	99	469713	26.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	300901	27.00	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.27	132	396304	26.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	365158	26.22	ng/ul	-0.01
19) Nitrobenzene-d5	8.89	128	170356	29.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	153682	29.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	352307	26.17	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.65	131	484085	29.78	ng/ul	0.00
44) Dimethylphthalate-d6	13.79	166	1063839	27.48	ng/ul	0.00
47) Acenaphthylene-d8	14.06	160	1352761	27.06	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.56	143	157734	24.83	ng/ul	-0.01
58) Fluorene-d10	15.37	176	928471	27.48	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.48	200	96211	22.15	ng/ul	-0.01
71) Anthracene-d10	17.22	188	1403528	27.49	ng/ul	0.00
79) Pyrene-d10	19.52	212	1541656	26.85	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.41	264	1774104	27.78	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	8642m	1.664	ng/uL	
4) Benzaldehyde	6.89	77	45898	4.531	ng/ul	97
6) Phenol	6.93	94	66434	3.698	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.17	93	52398	3.788	ng/ul	96
10) 2-Chlorophenol	7.30	128	54730	3.709	ng/ul	96
11) 2-Methylphenol	8.17	108	44468	3.302	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.26	45	80059	3.660	ng/ul	96
14) Acetophenone	8.55	105	80736	3.740	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.54	70	37893	3.508	ng/ul	91
16) 4-Methylphenol	8.49	108	51196	3.597	ng/ul	97
17) Hexachloroethane	8.81	117	20344	3.510	ng/ul	95
20) Nitrobenzene	8.93	77	58811	3.990	ng/ul#	86
21) Isophorone	9.45	82	96910	3.308	ng/ul	97
23) 2-Nitrophenol	9.63	139	23597	3.858	ng/ul	100
24) 2,4-Dimethylphenol	9.70	107	56515	3.581	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.94	93	66982	3.699	ng/ul	97
27) 2,4-Dichlorophenol	10.16	162	47643	3.683	ng/ul	96
28) Naphthalene	10.57	128	175478	3.848	ng/ul	98
30) 4-Chloroaniline	10.67	127	46886	2.883	ng/ul	95
31) Hexachlorobutadiene	10.85	225	33491	3.836	ng/ul	98
32) Caprolactam	11.45	113	11112m	2.717	ng/ul	
33) 4-Chloro-3-methylphenol	11.80	107	43859	3.235	ng/ul	91
34) 2-Methylnaphthalene	12.18	142	120283	3.744	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.18	142	120283	3.744	ng/ul#	91
37) 1,2,4,5-Tetrachlorobenzene	12.55	216	61796	3.732	ng/ul	95
38) Hexachlorocyclopentadiene	12.53	237	32940	3.195	ng/ul#	91
39) 2,4,6-Trichlorophenol	12.79	196	28216	2.993	ng/ul	95
40) 2,4,5-Trichlorophenol	12.86	196	32492	3.158	ng/ul	99
41) 1,1'-Biphenyl	13.20	154	151127	3.768	ng/ul#	97
42) 2-Chloronaphthalene	13.24	162	118258	3.768	ng/ul	97
43) 2-Nitroaniline	13.45	65	21494	3.109	ng/ul	94
45) Dimethylphthalate	13.84	163	141935	3.752	ng/ul	99
46) 2,6-Dinitrotoluene	13.95	165	18297	3.149	ng/ul#	95
48) Acenaphthylene	14.09	152	178370	3.769	ng/ul	99
49) 3-Nitroaniline	14.28	138	17972	2.844	ng/ul#	88
50) Acenaphthene	14.44	153	125778	3.744	ng/ul	98
51) 2,4-Dinitrophenol	14.48	184	6466	2.488	ng/ul	89
53) 4-Nitrophenol	14.58	109	16945	3.461	ng/ul#	77
54) Dibenzofuran	14.77	168	176883	3.837	ng/ul	96
55) 2,4-Dinitrotoluene	14.74	165	28949	3.388	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	15.00	232	23979	2.881	ng/ul#	79
57) Diethylphthalate	15.21	149	130103	3.471	ng/ul	97
59) Fluorene	15.42	166	143029	3.777	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.43	204	75577	3.936	ng/ul	92
61) 4-Nitroaniline	15.44	138	21953	2.828	ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.49	198	15162	3.113	ng/ul#	49
65) N-Nitrosodiphenylamine	15.64	169	117916	3.603	ng/ul	98
66) 4-Bromophenyl-phenylether	16.32	248	42240	3.529	ng/ul	96
67) Hexachlorobenzene	16.42	284	48400	3.757	ng/ul#	92
68) Atrazine	16.59	200	35215	3.044	ng/ul	94
69) Pentachlorophenol	16.77	266	16871	2.422	ng/ul#	90
70) Phenanthrene	17.16	178	228675	3.891	ng/ul	99
72) Anthracene	17.25	178	229210	3.799	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.16	216	66485	3.797	ng/uL	97
74) Pentachlorobenzene	14.69	250	59837	3.788	ng/uL	96
75) Carbazole	17.52	167	184856	3.485	ng/ul	98
76) Di-n-butylphthalate	18.11	149	183314	2.970	ng/ul	99
77) Fluoranthene	19.18	202	244474	3.629	ng/ul#	90
80) Pyrene	19.54	202	271622	3.738	ng/ul#	88
81) Butylbenzylphthalate	20.46	149	70582	2.626	ng/ul	94
82) 3,3'-Dichlorobenzidine	21.23	252	61747	2.634	ng/ul#	99
83) Benzo(a)anthracene	21.29	228	265996	3.631	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.25	149	106833	2.530	ng/ul	94
85) Chrysene	21.34	228	259279	3.795	ng/ul	100
87) Di-n-octyl phthalate	22.14	149	170488	2.318	ng/ul	100
88) Benzo(b)fluoranthene	22.87	252	255621	3.489	ng/ul#	94
89) Benzo(k)fluoranthene	22.92	252	259313	3.686	ng/ul#	96
91) Benzo(a)pyrene	23.45	252	265400	3.800	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.80	276	293629	3.524	ng/ul#	89
93) Dibenzo(a,h)anthracene	25.81	278	251537	3.609	ng/ul#	94
94) Benzo(g,h,i)perylene	26.48	276	249652	3.614	ng/ul#	90

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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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