Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091118\
Data File : BM016731.D
Acq On : 11 Sep 2018 20:20
Operator : SJ/JU
Sample : MDL-S-06
Misc : 4PPM/1PPM
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-S-06

Manual Integrations APPROVED
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9/12/2018 2:57:40 PM

Quant Time: Sep 12 01:27:31 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	213579	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.52	136	897032	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.37	164	488894	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.12	188	1061193	20.00	ng/ul	0.00
78) Chrysene-d12	21.31	240	1168855	20.00	ng/ul	-0.01
86) Perylene-d12	23.55	264	1207246	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	34230	6.85	ng/uL	0.00
5) Phenol-d5	6.90	99	489683	27.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	313253	28.08	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.27	132	410322	27.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	385947	27.69	ng/ul	-0.01
19) Nitrobenzene-d5	8.89	128	179949	30.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	166594	31.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	370997	27.25	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.65	131	500031	30.42	ng/ul	0.00
44) Dimethylphthalate-d6	13.79	166	1109613	28.27	ng/ul	0.00
47) Acenaphthylene-d8	14.06	160	1416462	27.94	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.56	143	164017	25.46	ng/ul	-0.01
58) Fluorene-d10	15.37	176	973905	28.43	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.48	200	102877	23.62	ng/ul	-0.01
71) Anthracene-d10	17.22	188	1454832	28.42	ng/ul	0.00
79) Pyrene-d10	19.52	212	1587333	27.99	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.41	264	1802305	28.62	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	9260	1.782	ng/uL#	76
4) Benzaldehyde	6.89	77	48172	4.752	ng/ul	88
6) Phenol	6.93	94	76158	4.235	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.17	93	60940	4.402	ng/ul	90
10) 2-Chlorophenol	7.30	128	63097	4.273	ng/ul	96
11) 2-Methylphenol	8.17	108	54701	4.059	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.27	45	94013	4.294	ng/ul	97
14) Acetophenone	8.56	105	94053	4.353	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.54	70	43606	4.033	ng/ul#	87
16) 4-Methylphenol	8.50	108	60428	4.242	ng/ul	94
17) Hexachloroethane	8.80	117	24626	4.246	ng/ul#	76
20) Nitrobenzene	8.93	77	69214	4.642	ng/ul	92
21) Isophorone	9.45	82	116219	3.922	ng/ul	94
23) 2-Nitrophenol	9.63	139	28679	4.636	ng/ul	89
24) 2,4-Dimethylphenol	9.70	107	66214	4.148	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.94	93	79262	4.328	ng/ul	97
27) 2,4-Dichlorophenol	10.16	162	56814	4.343	ng/ul	96
28) Naphthalene	10.57	128	206725	4.482	ng/ul	99
30) 4-Chloroaniline	10.67	127	56632	3.443	ng/ul	96
31) Hexachlorobutadiene	10.86	225	39475	4.470	ng/ul	96
32) Caprolactam	11.45	113	12859m	3.108	ng/ul	
33) 4-Chloro-3-methylphenol	11.80	107	53996	3.938	ng/ul	99
34) 2-Methylnaphthalene	12.18	142	143691	4.421	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.18	142	143691	4.421	ng/ul#	91
37) 1,2,4,5-Tetrachlorobenzene	12.55	216	73697	4.389	ng/ul	98
38) Hexachlorocyclopentadiene	12.53	237	40039	3.830	ng/ul	95
39) 2,4,6-Trichlorophenol	12.79	196	34035	3.560	ng/ul	94
40) 2,4,5-Trichlorophenol	12.86	196	39178	3.755	ng/ul	99
41) 1,1'-Biphenyl	13.20	154	180812	4.446	ng/ul	97
42) 2-Chloronaphthalene	13.24	162	137621	4.324	ng/ul	98
43) 2-Nitroaniline	13.45	65	26854	3.830	ng/ul	93
45) Dimethylphthalate	13.84	163	169863	4.428	ng/ul	98
46) 2,6-Dinitrotoluene	13.95	165	22611	3.837	ng/ul	89
48) Acenaphthylene	14.09	152	211616	4.410	ng/ul	99
49) 3-Nitroaniline	14.27	138	21431	3.345	ng/ul#	92
50) Acenaphthene	14.44	153	149320	4.383	ng/ul	97
51) 2,4-Dinitrophenol	14.48	184	7351	2.789	ng/ul#	74
53) 4-Nitrophenol	14.57	109	20216	4.072	ng/ul#	69
54) Dibenzofuran	14.77	168	204872	4.383	ng/ul	99
55) 2,4-Dinitrotoluene	14.73	165	34480	3.979	ng/ul	92
56) 2,3,4,6-Tetrachlorophenol	15.00	232	29966	3.551	ng/ul#	79
57) Diethylphthalate	15.21	149	155776	4.099	ng/ul	96
59) Fluorene	15.43	166	170696	4.445	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.43	204	86525	4.443	ng/ul	93
61) 4-Nitroaniline	15.44	138	25404	3.227	ng/ul#	90
64) 4,6-Dinitro-2-methylphenol	15.50	198	18203	3.727	ng/ul#	82
65) N-Nitrosodiphenylamine	15.64	169	140325	4.275	ng/ul	95
66) 4-Bromophenyl-phenylether	16.32	248	50346	4.193	ng/ul	96
67) Hexachlorobenzene	16.42	284	58143	4.500	ng/ul#	93
68) Atrazine	16.59	200	42012	3.621	ng/ul	96
69) Pentachlorophenol	16.77	266	20567	2.943	ng/ul	93
70) Phenanthrene	17.16	178	264252	4.483	ng/ul	99
72) Anthracene	17.26	178	268114	4.430	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.16	216	77263	4.399	ng/uL	96
74) Pentachlorobenzene	14.69	250	71257	4.498	ng/uL	96
75) Carbazole	17.52	167	218396	4.105	ng/ul	98
76) Di-n-butylphthalate	18.11	149	216448	3.497	ng/ul	99
77) Fluoranthene	19.18	202	284768	4.214	ng/ul#	92
80) Pyrene	19.54	202	315141	4.391	ng/ul#	87
81) Butylbenzylphthalate	20.46	149	85492	3.221	ng/ul	92
82) 3,3'-Dichlorobenzidine	21.23	252	73422	3.171	ng/ul#	93
83) Benzo(a)anthracene	21.29	228	306763	4.239	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.25	149	128712	3.086	ng/ul#	96
85) Chrysene	21.34	228	297468	4.408	ng/ul	100
87) Di-n-octyl phthalate	22.14	149	207383	2.859	ng/ul	100
88) Benzo(b)fluoranthene	22.88	252	309960	4.290	ng/ul#	96
89) Benzo(k)fluoranthene	22.92	252	289899	4.178	ng/ul#	94
91) Benzo(a)pyrene	23.45	252	305759	4.439	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.80	276	335959	4.089	ng/ul#	91
93) Dibenzo(a,h)anthracene	25.82	278	285764	4.158	ng/ul#	95
94) Benzo(g,h,i)perylene	26.49	276	283612	4.163	ng/ul#	92

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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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