Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091118\
Data File : BM016738.D
Acq On : 12 Sep 2018 00:32
Operator : SJ/JU
Sample : MDL-S-ME-06
Misc : 4PPM/1PPM
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-S-ME-06

Manual Integrations APPROVED
Sohil
9/12/2018 2:57:45 PM

Quant Time: Sep 12 03:43:30 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	221976	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.52	136	926708	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.37	164	502103	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.12	188	1101527	20.00	ng/ul	0.00
78) Chrysene-d12	21.31	240	1235758	20.00	ng/ul	-0.01
86) Perylene-d12	23.54	264	1284730	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	34516	6.65	ng/uL	0.00
5) Phenol-d5	6.90	99	504186	26.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	321883	27.76	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.27	132	420646	27.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	398844	27.53	ng/ul	-0.01
19) Nitrobenzene-d5	8.89	128	186531	30.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	169457	30.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	378932	26.94	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.65	131	517556	30.47	ng/ul	0.00
44) Dimethylphthalate-d6	13.79	166	1142802	28.35	ng/ul	-0.01
47) Acenaphthylene-d8	14.06	160	1456849	27.98	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.56	143	171557	25.93	ng/ul	-0.01
58) Fluorene-d10	15.37	176	1007091	28.62	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.48	200	108996	24.10	ng/ul	-0.01
71) Anthracene-d10	17.22	188	1519424	28.59	ng/ul	-0.01
79) Pyrene-d10	19.52	212	1688320	28.16	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	1906372	28.45	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	9637	1.784	ng/uL#	80
4) Benzaldehyde	6.89	77	50454	4.788	ng/ul	93
6) Phenol	6.93	94	79661	4.262	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.17	93	62222	4.324	ng/ul	96
10) 2-Chlorophenol	7.30	128	65670	4.279	ng/ul	97
11) 2-Methylphenol	8.17	108	54837	3.915	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.27	45	95538	4.199	ng/ul#	93
14) Acetophenone	8.55	105	95782	4.266	ng/ul#	95
15) N-Nitroso-di-n-propylamine	8.54	70	44935	3.999	ng/ul#	88
16) 4-Methylphenol	8.49	108	61276	4.139	ng/ul	98
17) Hexachloroethane	8.81	117	25026	4.151	ng/ul	89
20) Nitrobenzene	8.93	77	70458	4.574	ng/ul	90
21) Isophorone	9.45	82	119542	3.905	ng/ul	95
23) 2-Nitrophenol	9.63	139	29470	4.611	ng/ul	91
24) 2,4-Dimethylphenol	9.69	107	67359	4.084	ng/ul	94
25) Bis(2-Chloroethoxy)methane	9.94	93	80658	4.263	ng/ul	97
27) 2,4-Dichlorophenol	10.16	162	58277	4.312	ng/ul	98
28) Naphthalene	10.56	128	208312	4.372	ng/ul	99
30) 4-Chloroaniline	10.67	127	59090	3.477	ng/ul	97
31) Hexachlorobutadiene	10.85	225	40721	4.463	ng/ul	98
32) Caprolactam	11.45	113	13836m	3.237	ng/ul	
33) 4-Chloro-3-methylphenol	11.80	107	54889	3.875	ng/ul	94
34) 2-Methylnaphthalene	12.18	142	147286	4.387	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.18	142	147286	4.387	ng/ul#	93
37) 1,2,4,5-Tetrachlorobenzene	12.55	216	78485	4.551	ng/ul#	92
38) Hexachlorocyclopentadiene	12.53	237	41231	3.840	ng/ul	98
39) 2,4,6-Trichlorophenol	12.79	196	36482	3.715	ng/ul	96
40) 2,4,5-Trichlorophenol	12.86	196	42068	3.926	ng/ul	96
41) 1,1'-Biphenyl	13.20	154	183900	4.403	ng/ul	97
42) 2-Chloronaphthalene	13.24	162	146114	4.470	ng/ul	97
43) 2-Nitroaniline	13.44	65	28554	3.965	ng/ul	96
45) Dimethylphthalate	13.83	163	174525	4.429	ng/ul	99
46) 2,6-Dinitrotoluene	13.95	165	23575	3.896	ng/ul	98
48) Acenaphthylene	14.09	152	216707	4.397	ng/ul	99
49) 3-Nitroaniline	14.27	138	22794	3.464	ng/ul#	95
50) Acenaphthene	14.43	153	155427	4.442	ng/ul	99
51) 2,4-Dinitrophenol	14.48	184	8102	2.993	ng/ul#	85
53) 4-Nitrophenol	14.57	109	22227	4.359	ng/ul#	68
54) Dibenzofuran	14.77	168	212840	4.433	ng/ul	98
55) 2,4-Dinitrotoluene	14.73	165	35469	3.986	ng/ul	93
56) 2,3,4,6-Tetrachlorophenol	15.00	232	31858	3.675	ng/ul#	86
57) Diethylphthalate	15.21	149	162652	4.167	ng/ul	98
59) Fluorene	15.42	166	174223	4.417	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.43	204	89655	4.483	ng/ul	92
61) 4-Nitroaniline	15.44	138	27929	3.455	ng/ul	88
64) 4,6-Dinitro-2-methylphenol	15.50	198	19267	3.800	ng/ul#	87
65) N-Nitrosodiphenylamine	15.64	169	144656	4.245	ng/ul	100
66) 4-Bromophenyl-phenylether	16.32	248	51979	4.171	ng/ul	98
67) Hexachlorobenzene	16.42	284	58702	4.377	ng/ul#	93
68) Atrazine	16.59	200	44386	3.686	ng/ul	95
69) Pentachlorophenol	16.77	266	21911	3.021	ng/ul	94
70) Phenanthrene	17.16	178	277235	4.531	ng/ul	99
72) Anthracene	17.25	178	280015	4.458	ng/ul	96
73) 1,2,3,4-Tetrachlorobenzene	13.16	216	80448	4.413	ng/uL	96
74) Pentachlorobenzene	14.69	250	73327	4.459	ng/uL	96
75) Carbazole	17.52	167	231529	4.193	ng/ul	97
76) Di-n-butylphthalate	18.10	149	228594	3.558	ng/ul	99
77) Fluoranthene	19.18	202	298439	4.255	ng/ul#	90
80) Pyrene	19.54	202	327945	4.322	ng/ul#	86
81) Butylbenzylphthalate	20.46	149	87060	3.102	ng/ul	93
82) 3,3'-Dichlorobenzidine	21.23	252	78522	3.208	ng/ul#	99
83) Benzo(a)anthracene	21.29	228	325893	4.260	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.25	149	135575	3.074	ng/ul	97
85) Chrysene	21.34	228	321102	4.501	ng/ul	98
87) Di-n-octyl phthalate	22.13	149	213891	2.771	ng/ul	100
88) Benzo(b)fluoranthene	22.87	252	320992	4.174	ng/ul#	96
89) Benzo(k)fluoranthene	22.92	252	314124	4.254	ng/ul#	96
91) Benzo(a)pyrene	23.45	252	318350	4.343	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	25.79	276	357831	4.092	ng/ul#	93
93) Dibenzo(a,h)anthracene	25.81	278	306646	4.192	ng/ul#	95
94) Benzo(g,h,i)perylene	26.48	276	298073	4.111	ng/ul#	91

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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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