Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091118\
Data File : BM016736.D
Acq On : 11 Sep 2018 23:20
Operator : SJ/JU
Sample : MDL-S-ME-04
Misc : 4PPM/1PPM
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-S-ME-04

Manual Integrations APPROVED
Sohil
9/12/2018 2:57:43 PM

Quant Time: Sep 12 03:38:07 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	211102	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.52	136	883006	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.37	164	476814	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.12	188	1042711	20.00	ng/ul	0.00
78) Chrysene-d12	21.31	240	1153152	20.00	ng/ul	-0.01
86) Perylene-d12	23.54	264	1194440	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	33168	6.72	ng/uL	0.00
5) Phenol-d5	6.90	99	486253	27.31	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.07	67	309139	28.04	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.27	132	402902	27.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	381301	27.68	ng/ul	-0.01
19) Nitrobenzene-d5	8.89	128	175712	30.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	160643	30.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	363834	27.15	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.65	131	493076	30.47	ng/ul	0.00
44) Dimethylphthalate-d6	13.79	166	1081862	28.26	ng/ul	0.00
47) Acenaphthylene-d8	14.06	160	1393229	28.17	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.56	143	158109	25.16	ng/ul	-0.01
58) Fluorene-d10	15.37	176	953196	28.53	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.48	200	99501	23.25	ng/ul	-0.01
71) Anthracene-d10	17.22	188	1425010	28.33	ng/ul	0.00
79) Pyrene-d10	19.52	212	1562973	27.93	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.41	264	1768952	28.39	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	8920	1.736	ng/uL#	78
4) Benzaldehyde	6.88	77	47983	4.789	ng/ul	96
6) Phenol	6.93	94	70470	3.965	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.17	93	55028	4.021	ng/ul	93
10) 2-Chlorophenol	7.30	128	59216	4.057	ng/ul	98
11) 2-Methylphenol	8.17	108	48013	3.604	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.27	45	85946	3.972	ng/ul#	94
14) Acetophenone	8.55	105	86926	4.071	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.54	70	39859	3.730	ng/ul#	88
16) 4-Methylphenol	8.50	108	55245	3.923	ng/ul	89
17) Hexachloroethane	8.80	117	22496	3.924	ng/ul	86
20) Nitrobenzene	8.93	77	62480	4.257	ng/ul	94
21) Isophorone	9.45	82	103293	3.541	ng/ul#	94
23) 2-Nitrophenol	9.63	139	26118	4.289	ng/ul	97
24) 2,4-Dimethylphenol	9.69	107	59690	3.798	ng/ul	92
25) Bis(2-Chloroethoxy)methane	9.94	93	72402	4.016	ng/ul	94
27) 2,4-Dichlorophenol	10.16	162	52508	4.077	ng/ul	95
28) Naphthalene	10.56	128	190500	4.196	ng/ul	99
30) 4-Chloroaniline	10.67	127	51821	3.201	ng/ul	98
31) Hexachlorobutadiene	10.85	225	36480	4.196	ng/ul	97
32) Caprolactam	11.45	113	11758m	2.887	ng/ul	
33) 4-Chloro-3-methylphenol	11.80	107	48727	3.610	ng/ul	93
34) 2-Methylnaphthalene	12.18	142	130278	4.072	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.18	142	130278	4.072	ng/ul#	93
37) 1,2,4,5-Tetrachlorobenzene	12.55	216	68561	4.187	ng/ul#	94
38) Hexachlorocyclopentadiene	12.53	237	37933	3.720	ng/ul#	97
39) 2,4,6-Trichlorophenol	12.79	196	32000	3.432	ng/ul	95
40) 2,4,5-Trichlorophenol	12.86	196	35558	3.494	ng/ul	94
41) 1,1'-Biphenyl	13.20	154	161408	4.069	ng/ul#	97
42) 2-Chloronaphthalene	13.24	162	125836	4.054	ng/ul	97
43) 2-Nitroaniline	13.45	65	24490	3.581	ng/ul	96
45) Dimethylphthalate	13.84	163	154374	4.126	ng/ul	98
46) 2,6-Dinitrotoluene	13.95	165	19154	3.333	ng/ul#	91
48) Acenaphthylene	14.09	152	193892	4.143	ng/ul	98
49) 3-Nitroaniline	14.27	138	20607	3.297	ng/ul#	94
50) Acenaphthene	14.44	153	136172	4.098	ng/ul	99
51) 2,4-Dinitrophenol	14.48	184	6950	2.704	ng/ul#	81
53) 4-Nitrophenol	14.58	109	18256	3.771	ng/ul#	73
54) Dibenzofuran	14.77	168	191572	4.202	ng/ul	95
55) 2,4-Dinitrotoluene	14.73	165	30130	3.565	ng/ul#	87
56) 2,3,4,6-Tetrachlorophenol	15.00	232	27058	3.287	ng/ul#	82
57) Diethylphthalate	15.21	149	140388	3.787	ng/ul	97
59) Fluorene	15.42	166	157002	4.192	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.43	204	80295	4.228	ng/ul	91
61) 4-Nitroaniline	15.43	138	23396	3.048	ng/ul	85
64) 4,6-Dinitro-2-methylphenol	15.49	198	16498	3.437	ng/ul#	65
65) N-Nitrosodiphenylamine	15.64	169	127923	3.966	ng/ul	99
66) 4-Bromophenyl-phenylether	16.32	248	45955	3.895	ng/ul	98
67) Hexachlorobenzene	16.42	284	52134	4.106	ng/ul#	92
68) Atrazine	16.59	200	37861	3.321	ng/ul	95
69) Pentachlorophenol	16.77	266	18479	2.691	ng/ul	91
70) Phenanthrene	17.16	178	240080	4.145	ng/ul	98
72) Anthracene	17.25	178	244344	4.109	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.16	216	69854	4.048	ng/uL	97
74) Pentachlorobenzene	14.69	250	66518	4.273	ng/uL	98
75) Carbazole	17.52	167	198011	3.788	ng/ul	98
76) Di-n-butylphthalate	18.10	149	192033	3.158	ng/ul	100
77) Fluoranthene	19.18	202	256305	3.860	ng/ul#	91
80) Pyrene	19.54	202	290105	4.097	ng/ul#	89
81) Butylbenzylphthalate	20.46	149	74121	2.831	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.23	252	66347	2.904	ng/ul#	95
83) Benzo(a)anthracene	21.29	228	284350	3.983	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.25	149	111936	2.720	ng/ul#	98
85) Chrysene	21.34	228	269282	4.045	ng/ul	99
87) Di-n-octyl phthalate	22.13	149	172904	2.409	ng/ul	100
88) Benzo(b)fluoranthene	22.88	252	268349	3.753	ng/ul#	96
89) Benzo(k)fluoranthene	22.92	252	271919	3.961	ng/ul#	97
91) Benzo(a)pyrene	23.45	252	277817	4.077	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	25.80	276	307725	3.785	ng/ul#	90
93) Dibenzo(a,h)anthracene	25.81	278	262519	3.860	ng/ul#	92
94) Benzo(g,h,i)perylene	26.48	276	257680	3.823	ng/ul#	90

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

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