Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091118\
Data File : BM016718.D
Acq On : 11 Sep 2018 12:25
Operator : SJ/JU
Sample : MDL-W-04
Misc : 4PPM/1PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-W-04

Manual Integrations APPROVED
Sohil
9/12/2018 2:57:34 PM

Quant Time: Sep 11 12:59:18 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	190397	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	796630	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.38	164	433450	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	950139	20.00	ng/ul	0.00
78) Chrysene-d12	21.31	240	1050880	20.00	ng/ul	0.00
86) Perylene-d12	23.56	264	1077948	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	30305	6.81	ng/uL	0.00
5) Phenol-d5	6.90	99	440186	27.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	281565	28.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	362514	27.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	342331	27.55	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	153666	29.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	136614	28.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	321811	26.61	ng/ul	0.00
29) 4-Chloroaniline-d4	10.66	131	452061	30.96	ng/ul	0.00
44) Dimethylphthalate-d6	13.79	166	986322	28.34	ng/ul	0.00
47) Acenaphthylene-d8	14.07	160	1259084	28.01	ng/ul	0.00
52) 4-Nitrophenol-d4	14.57	143	138395	24.23	ng/ul	0.00
58) Fluorene-d10	15.37	176	867733	28.57	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.49	200	83220	21.34	ng/ul	0.00
71) Anthracene-d10	17.22	188	1305042	28.47	ng/ul	0.00
79) Pyrene-d10	19.52	212	1434382	28.13	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.41	264	1632057	29.02	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.31	88	8640	1.865	ng/uL#	75
4) Benzaldehyde	6.89	77	10255m	1.135	ng/ul	
6) Phenol	6.93	94	63229	3.944	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.17	93	49690	4.026	ng/ul	96
10) 2-Chlorophenol	7.30	128	52737	4.006	ng/ul	97
11) 2-Methylphenol	8.17	108	45771	3.810	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.27	45	80434	4.121	ng/ul	96
14) Acetophenone	8.56	105	77162	4.006	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.55	70	37593	3.901	ng/ul#	88
16) 4-Methylphenol	8.50	108	49683	3.912	ng/ul	99
17) Hexachloroethane	8.81	117	20825	4.028	ng/ul	88
20) Nitrobenzene	8.93	77	55841	4.217	ng/ul	93
21) Isophorone	9.46	82	97482	3.705	ng/ul	97
23) 2-Nitrophenol	9.63	139	21797	3.967	ng/ul	93
24) 2,4-Dimethylphenol	9.70	107	55515	3.916	ng/ul	91
25) Bis(2-Chloroethoxy)methane	9.95	93	65377	4.019	ng/ul	99
27) 2,4-Dichlorophenol	10.16	162	46548	4.006	ng/ul#	85
28) Naphthalene	10.57	128	170431	4.161	ng/ul	98
30) 4-Chloroaniline	10.68	127	45808	3.136	ng/ul	97
31) Hexachlorobutadiene	10.86	225	31814	4.057	ng/ul	97
32) Caprolactam	11.45	113	11718m	3.189	ng/ul	
33) 4-Chloro-3-methylphenol	11.80	107	44467	3.652	ng/ul	96
34) 2-Methylnaphthalene	12.19	142	117094	4.057	ng/ul	100

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35) 1-Methylnaphthalene	12.19	142	117094	4.057	ng/ul#	94
37) 1,2,4,5-Tetrachlorobenzene	12.56	216	60877	4.089	ng/ul#	94
38) Hexachlorocyclopentadiene	12.54	237	32939	3.554	ng/ul	97
39) 2,4,6-Trichlorophenol	12.80	196	28335	3.343	ng/ul	96
40) 2,4,5-Trichlorophenol	12.86	196	33112	3.579	ng/ul	91
41) 1,1'-Biphenyl	13.21	154	146232	4.055	ng/ul	96
42) 2-Chloronaphthalene	13.24	162	114143	4.045	ng/ul	96
43) 2-Nitroaniline	13.45	65	20859	3.355	ng/ul	98
45) Dimethylphthalate	13.84	163	137835	4.052	ng/ul	99
46) 2,6-Dinitrotoluene	13.96	165	16895	3.234	ng/ul	91
48) Acenaphthylene	14.10	152	171948	4.041	ng/ul	98
49) 3-Nitroaniline	14.28	138	16741	2.947	ng/ul#	97
50) Acenaphthene	14.44	153	123939	4.103	ng/ul	98
51) 2,4-Dinitrophenol	14.48	184	5979	2.559	ng/ul#	84
53) 4-Nitrophenol	14.58	109	16952	3.851	ng/ul#	70
54) Dibenzofuran	14.78	168	172172	4.154	ng/ul	98
55) 2,4-Dinitrotoluene	14.74	165	26691	3.474	ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	15.00	232	24891	3.326	ng/ul#	85
57) Diethylphthalate	15.22	149	130380	3.869	ng/ul	96
59) Fluorene	15.43	166	140372	4.123	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.43	204	71506	4.142	ng/ul	91
61) 4-Nitroaniline	15.44	138	20998	3.009	ng/ul	90
64) 4,6-Dinitro-2-methylphenol	15.50	198	13939	3.187	ng/ul#	81
65) N-Nitrosodiphenylamine	15.64	169	113647	3.867	ng/ul	99
66) 4-Bromophenyl-phenylether	16.33	248	42631	3.966	ng/ul	94
67) Hexachlorobenzene	16.43	284	48117	4.159	ng/ul#	95
68) Atrazine	16.60	200	35206	3.389	ng/ul	99
69) Pentachlorophenol	16.77	266	16325	2.609	ng/ul	92
70) Phenanthrene	17.17	178	220256	4.173	ng/ul	98
72) Anthracene	17.26	178	227830	4.205	ng/ul	95
73) 1,2,3,4-Tetrachlorobenzene	13.17	216	65071	4.138	ng/uL	94
74) Pentachlorobenzene	14.69	250	58428	4.119	ng/uL	96
75) Carbazole	17.53	167	184321	3.870	ng/ul	98
76) Di-n-butylphthalate	18.12	149	184664	3.332	ng/ul	99
77) Fluoranthene	19.19	202	239358	3.956	ng/ul#	90
80) Pyrene	19.55	202	263495	4.084	ng/ul#	89
81) Butylbenzylphthalate	20.47	149	70046	2.935	ng/ul	90
82) 3,3'-Dichlorobenzidine	21.24	252	64609	3.104	ng/ul#	98
83) Benzo(a)anthracene	21.30	228	262913	4.041	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.26	149	109763	2.927	ng/ul	97
85) Chrysene	21.35	228	250128	4.123	ng/ul	100
87) Di-n-octyl phthalate	22.14	149	184199	2.844	ng/ul	100
88) Benzo(b)fluoranthene	22.89	252	245671	3.808	ng/ul#	96
89) Benzo(k)fluoranthene	22.93	252	253765	4.096	ng/ul#	95
91) Benzo(a)pyrene	23.46	252	255929	4.161	ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	25.81	276	284956	3.884	ng/ul#	91
93) Dibenzo(a,h)anthracene	25.83	278	242021	3.944	ng/ul#	94
94) Benzo(g,h,i)perylene	26.49	276	239179	3.932	ng/ul#	89

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

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