Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091118\
Data File : BM016715.D
Acq On : 11 Sep 2018 10:36
Operator : SJ/JU
Sample : MDL-W-01
Misc : 4PPM/1PPM
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-W-01

Manual Integrations APPROVED
Sohil
9/12/2018 2:57:31 PM

Quant Time: Sep 11 11:10:04 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	199114	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	841276	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.38	164	453655	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	971396	20.00	ng/ul	0.00
78) Chrysene-d12	21.32	240	1048922	20.00	ng/ul	0.00
86) Perylene-d12	23.56	264	1085125	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	30721	6.60	ng/uL	0.00
5) Phenol-d5	6.90	99	457358	27.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	296874	28.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	382606	27.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	362325	27.88	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	159097	28.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	145883	29.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	339408	26.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.66	131	471031	30.55	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	1019340	27.98	ng/ul	0.00
47) Acenaphthylene-d8	14.07	160	1319780	28.05	ng/ul	0.00
52) 4-Nitrophenol-d4	14.57	143	139567	23.35	ng/ul	0.00
58) Fluorene-d10	15.37	176	887136	27.90	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.49	200	84381	21.16	ng/ul	0.00
71) Anthracene-d10	17.22	188	1340352	28.60	ng/ul	0.00
79) Pyrene-d10	19.52	212	1429244	28.08	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.42	264	1590248	28.09	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.31	88	8153	1.683	ng/uL#	78
4) Benzaldehyde	6.89	77	11059	1.170	ng/ul	98
6) Phenol	6.93	94	63271	3.774	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.18	93	50457	3.909	ng/ul	92
10) 2-Chlorophenol	7.30	128	53484	3.885	ng/ul	99
11) 2-Methylphenol	8.17	108	45212	3.598	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.27	45	81196m	3.978	ng/ul	
14) Acetophenone	8.56	105	81134	4.028	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.55	70	37038	3.675	ng/ul#	90
16) 4-Methylphenol	8.50	108	50489	3.802	ng/ul	97
17) Hexachloroethane	8.81	117	20749	3.837	ng/ul	87
20) Nitrobenzene	8.93	77	57561	4.117	ng/ul	99
21) Isophorone	9.46	82	99011	3.563	ng/ul	97
23) 2-Nitrophenol	9.64	139	22800	3.930	ng/ul	94
24) 2,4-Dimethylphenol	9.70	107	55723	3.722	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.95	93	65361	3.805	ng/ul	95
27) 2,4-Dichlorophenol	10.16	162	47588	3.878	ng/ul	89
28) Naphthalene	10.57	128	171837	3.972	ng/ul	99
30) 4-Chloroaniline	10.68	127	45546	2.953	ng/ul	91
31) Hexachlorobutadiene	10.86	225	32635	3.940	ng/ul	95
32) Caprolactam	11.45	113	11008m	2.837	ng/ul	
33) 4-Chloro-3-methylphenol	11.80	107	43991	3.421	ng/ul	93
34) 2-Methylnaphthalene	12.19	142	118107	3.875	ng/ul	98

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35) 1-Methylnaphthalene	12.19	142	118107	3.875	ng/ul#	91
37) 1,2,4,5-Tetrachlorobenzene	12.56	216	60551	3.886	ng/ul#	96
38) Hexachlorocyclopentadiene	12.54	237	33218	3.424	ng/ul	98
39) 2,4,6-Trichlorophenol	12.80	196	29413	3.315	ng/ul	97
40) 2,4,5-Trichlorophenol	12.86	196	34060	3.518	ng/ul	98
41) 1,1'-Biphenyl	13.21	154	148025	3.922	ng/ul	98
42) 2-Chloronaphthalene	13.25	162	115440	3.909	ng/ul	97
43) 2-Nitroaniline	13.45	65	20526	3.155	ng/ul	87
45) Dimethylphthalate	13.84	163	137660	3.867	ng/ul	99
46) 2,6-Dinitrotoluene	13.96	165	15742	2.879	ng/ul	90
48) Acenaphthylene	14.10	152	173137	3.888	ng/ul	98
49) 3-Nitroaniline	14.28	138	16830	2.831	ng/ul#	84
50) Acenaphthene	14.44	153	123766	3.915	ng/ul	98
51) 2,4-Dinitrophenol	14.48	184	5206	2.129	ng/ul#	70
53) 4-Nitrophenol	14.58	109	15636	3.394	ng/ul#	51
54) Dibenzofuran	14.78	168	173538	4.001	ng/ul	96
55) 2,4-Dinitrotoluene	14.74	165	24979	3.107	ng/ul	89
56) 2,3,4,6-Tetrachlorophenol	15.00	232	24667	3.150	ng/ul#	92
57) Diethylphthalate	15.22	149	129032	3.659	ng/ul	97
59) Fluorene	15.43	166	137343	3.854	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.43	204	71868	3.977	ng/ul	94
61) 4-Nitroaniline	15.44	138	20462	2.802	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.50	198	13390	2.995	ng/ul#	53
65) N-Nitrosodiphenylamine	15.65	169	116217	3.868	ng/ul	99
66) 4-Bromophenyl-phenylether	16.33	248	41292	3.757	ng/ul	94
67) Hexachlorobenzene	16.43	284	46412	3.924	ng/ul#	93
68) Atrazine	16.60	200	34490	3.248	ng/ul	95
69) Pentachlorophenol	16.77	266	16842	2.633	ng/ul	91
70) Phenanthrene	17.17	178	216684	4.016	ng/ul	97
72) Anthracene	17.26	178	217313	3.923	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.17	216	63831	3.970	ng/uL	96
74) Pentachlorobenzene	14.69	250	58698	4.047	ng/uL	99
75) Carbazole	17.53	167	180319	3.703	ng/ul	98
76) Di-n-butylphthalate	18.12	149	179484	3.168	ng/ul	99
77) Fluoranthene	19.19	202	230731	3.730	ng/ul#	90
80) Pyrene	19.54	202	254059	3.945	ng/ul#	87
81) Butylbenzylphthalate	20.47	149	68163	2.862	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.24	252	62646	3.015	ng/ul#	92
83) Benzo(a)anthracene	21.30	228	247535	3.812	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.26	149	107055	2.860	ng/ul	98
85) Chrysene	21.35	228	233582	3.857	ng/ul	98
87) Di-n-octyl phthalate	22.15	149	179817	2.758	ng/ul	100
88) Benzo(b)fluoranthene	22.89	252	246767	3.799	ng/ul#	97
89) Benzo(k)fluoranthene	22.93	252	227863	3.654	ng/ul#	96
91) Benzo(a)pyrene	23.46	252	241845	3.906	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	25.81	276	268487	3.635	ng/ul#	91
93) Dibenzo(a,h)anthracene	25.83	278	226416	3.665	ng/ul#	94
94) Benzo(g,h,i)perylene	26.50	276	225296	3.679	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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