Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091819\
Data File : BM022713.D
Acq On : 18 Sep 2019 13:08
Operator : HP/JU
Sample : MDL-S-ME-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-S-ME-02

Quant Time: Sep 18 15:42:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 09 07:45:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	197143	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.63	136	880597	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.47	164	573251	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.20	188	1187684	20.00	ng/ul	-0.02
78) Chrysene-d12	21.39	240	1157956	20.00	ng/ul	-0.01
86) Perylene-d12	23.67	264	1156169	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	7580	1.60	ng/uL	0.00
5) Phenol-d5	7.00	99	488368	26.86	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.16	67	297717	28.57	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.37	132	397691	27.69	ng/ul	-0.02
13) 4-Methylphenol-d8	8.53	113	397948	26.92	ng/ul	-0.02
19) Nitrobenzene-d5	8.99	128	199981	31.48	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.71	143	190923	32.59	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.25	165	390671	26.26	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.76	131	585261	29.78	ng/ul	-0.02
44) Dimethylphthalate-d6	13.88	166	1306894	28.13	ng/ul	-0.01
47) Acenaphthylene-d8	14.16	160	1640872	29.50	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.65	143	218464	27.54	ng/ul	-0.01
58) Fluorene-d10	15.46	176	1145336	29.45	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.57	200	150867	27.95	ng/ul	-0.02
71) Anthracene-d10	17.30	188	1796762	29.53	ng/ul	-0.02
79) Pyrene-d10	19.60	212	1953513	30.40	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.52	264	1771969	28.52	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	7984	1.677	ng/uL	99
4) Benzaldehyde	6.97	77	28974	3.051	ng/ul	97
6) Phenol	7.02	94	67980	3.577	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.26	93	54395	3.769	ng/ul	99
10) 2-Chlorophenol	7.40	128	54999	3.643	ng/ul	99
11) 2-Methylphenol	8.27	108	45121	3.043	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.36	45	78936	3.719	ng/ul	99
14) Acetophenone	8.66	105	88676	3.844	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.65	70	43729	3.509	ng/ul	93
16) 4-Methylphenol	8.60	108	55120	3.442	ng/ul	98
17) Hexachloroethane	8.92	117	22146	3.703	ng/ul	95
20) Nitrobenzene	9.03	77	63793	4.013	ng/ul	99
21) Isophorone	9.56	82	110791	3.111	ng/ul	99
23) 2-Nitrophenol	9.74	139	28147	4.048	ng/ul	98
24) 2,4-Dimethylphenol	9.80	107	58108	3.333	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.04	93	75473	3.614	ng/ul	99
27) 2,4-Dichlorophenol	10.27	162	52751	3.592	ng/ul	98
28) Naphthalene	10.68	128	186525	3.820	ng/ul	98
30) 4-Chloroaniline	10.78	127	76784	3.804	ng/ul	100
31) Hexachlorobutadiene	10.97	225	33403	3.692	ng/ul	97
32) Caprolactam	11.59	113	11892	2.176	ng/ul	86
33) 4-Chloro-3-methylphenol	11.90	107	48046	2.965	ng/ul	98
34) 2-Methylnaphthalene	12.29	142	134676	3.661	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.51	142	129537	3.686	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.66	216	69010	3.731	ng/ul	98
38) Hexachlorocyclopentadiene	12.65	237	31704	2.780	ng/ul	98
39) 2,4,6-Trichlorophenol	12.90	196	34026	2.939	ng/ul	99
40) 2,4,5-Trichlorophenol	12.96	196	41047	3.269	ng/ul	96
41) 1,1'-Biphenyl	13.30	154	178100	3.731	ng/ul	99
42) 2-Chloronaphthalene	13.34	162	136439	3.775	ng/ul	99
43) 2-Nitroaniline	13.54	65	27500	3.259	ng/ul	98
45) Dimethylphthalate	13.92	163	172637	3.661	ng/ul	100
46) 2,6-Dinitrotoluene	14.03	165	24780	3.228	ng/ul	98
48) Acenaphthylene	14.19	152	216250	3.748	ng/ul	99
49) 3-Nitroaniline	14.36	138	21923	2.634	ng/ul#	98
50) Acenaphthene	14.53	153	147512	3.690	ng/ul	98
51) 2,4-Dinitrophenol	14.56	184	11291	3.206	ng/ul#	76
53) 4-Nitrophenol	14.66	109	22386	3.511	ng/ul	87
54) Dibenzofuran	14.86	168	218421	3.937	ng/ul	100
55) 2,4-Dinitrotoluene	14.82	165	38385	3.414	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	15.09	232	31044	2.976	ng/ul	98
57) Diethylphthalate	15.29	149	158887	3.257	ng/ul	99
59) Fluorene	15.52	166	174308	3.819	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.51	204	86617	3.834	ng/ul	99
61) 4-Nitroaniline	15.52	138	23288	2.455	ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.58	198	22280	3.567	ng/ul#	76
65) N-Nitrosodiphenylamine	15.72	169	143564	3.542	ng/ul	99
66) 4-Bromophenyl-phenylether	16.40	248	49998	3.369	ng/ul	99
67) Hexachlorobenzene	16.52	284	58820	3.597	ng/ul	100
68) Atrazine	16.67	200	41244	2.647	ng/ul	99
69) Pentachlorophenol	16.86	266	21252	2.355	ng/ul	99
70) Phenanthrene	17.24	178	276106	3.797	ng/ul	99
72) Anthracene	17.34	178	278276	3.725	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.27	216	69195	3.742	ng/uL	99
74) Pentachlorobenzene	14.79	250	69524	3.730	ng/uL	99
75) Carbazole	17.60	167	229469	3.418	ng/ul	99
76) Di-n-butylphthalate	18.17	149	219454	2.581	ng/ul	99
77) Fluoranthene	19.26	202	294465	3.568	ng/ul	98
80) Pyrene	19.62	202	331838	3.960	ng/ul	98
81) Butylbenzylphthalate	20.53	149	84316	2.386	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.30	252	65340	2.219	ng/ul	97
83) Benzo(a)anthracene	21.37	228	309945	3.608	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.31	149	127156	2.372	ng/ul	98
85) Chrysene	21.42	228	301020	3.808	ng/ul	100
87) Di-n-octyl phthalate	22.20	149	197977	2.392	ng/ul	100
88) Benzo(b)fluoranthene	22.98	252	276093	3.630	ng/ul	99
89) Benzo(k)fluoranthene	23.02	252	277882	3.759	ng/ul	99
91) Benzo(a)pyrene	23.57	252	277066	3.818	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.98	276	259318	3.093	ng/ul	97
93) Dibenzo(a,h)anthracene	25.99	278	217937	3.124	ng/ul	98
94) Benzo(g,h,i)perylene	26.69	276	203933	2.961	ng/ul	98

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

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