Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091819\
Data File : BM022714.D
Acq On : 18 Sep 2019 13:45
Operator : HP/JU
Sample : MDL-S-ME-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-S-ME-03

Quant Time: Sep 18 15:42:37 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	200629	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.63	136	890866	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.47	164	579558	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.20	188	1200354	20.00	ng/ul	-0.02
78) Chrysene-d12	21.39	240	1183657	20.00	ng/ul	-0.01
86) Perylene-d12	23.66	264	1193817	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	8021	1.67	ng/uL	0.00
5) Phenol-d5	6.99	99	486938	26.31	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.16	67	295163	27.83	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.37	132	398067	27.23	ng/ul	-0.02
13) 4-Methylphenol-d8	8.53	113	401385	26.68	ng/ul	-0.02
19) Nitrobenzene-d5	8.99	128	201530	31.35	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.71	143	192277	32.45	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.25	165	391722	26.03	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.76	131	589282	29.64	ng/ul	-0.02
44) Dimethylphthalate-d6	13.87	166	1309142	27.87	ng/ul	-0.02
47) Acenaphthylene-d8	14.16	160	1655388	29.44	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.65	143	222523	27.74	ng/ul	-0.01
58) Fluorene-d10	15.46	176	1153265	29.33	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.57	200	150444	27.57	ng/ul	-0.02
71) Anthracene-d10	17.30	188	1795353	29.20	ng/ul	-0.02
79) Pyrene-d10	19.59	212	1969205	29.98	ng/ul	-0.02
90) Benzo(a)pyrene-d12	23.52	264	1832353	28.56	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	8121	1.676	ng/uL	98
4) Benzaldehyde	6.98	77	29359	3.038	ng/ul	99
6) Phenol	7.02	94	69689	3.604	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.26	93	57038	3.883	ng/ul	96
10) 2-Chlorophenol	7.40	128	55550	3.615	ng/ul	98
11) 2-Methylphenol	8.27	108	46224	3.063	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.36	45	80821	3.742	ng/ul	97
14) Acetophenone	8.65	105	90807	3.868	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.65	70	44077	3.476	ng/ul	95
16) 4-Methylphenol	8.60	108	56039	3.439	ng/ul	100
17) Hexachloroethane	8.92	117	23255	3.820	ng/ul	99
20) Nitrobenzene	9.03	77	66664	4.146	ng/ul	100
21) Isophorone	9.56	82	115264	3.199	ng/ul	99
23) 2-Nitrophenol	9.74	139	29247	4.158	ng/ul	98
24) 2,4-Dimethylphenol	9.80	107	59595	3.379	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.04	93	79924	3.783	ng/ul	99
27) 2,4-Dichlorophenol	10.27	162	54546	3.672	ng/ul	92
28) Naphthalene	10.68	128	193900	3.926	ng/ul	99
30) 4-Chloroaniline	10.78	127	78188	3.829	ng/ul	97
31) Hexachlorobutadiene	10.97	225	34619	3.783	ng/ul	98
32) Caprolactam	11.59	113	11832	2.140	ng/ul	92
33) 4-Chloro-3-methylphenol	11.90	107	49421	3.015	ng/ul	97
34) 2-Methylnaphthalene	12.29	142	139736	3.755	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.51	142	133403	3.752	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.66	216	70280	3.758	ng/ul	99
38) Hexachlorocyclopentadiene	12.65	237	33071	2.869	ng/ul	98
39) 2,4,6-Trichlorophenol	12.90	196	35704	3.050	ng/ul	97
40) 2,4,5-Trichlorophenol	12.96	196	41823	3.295	ng/ul	99
41) 1,1'-Biphenyl	13.30	154	186260	3.859	ng/ul	100
42) 2-Chloronaphthalene	13.34	162	140637	3.849	ng/ul	99
43) 2-Nitroaniline	13.54	65	28775	3.373	ng/ul	98
45) Dimethylphthalate	13.92	163	178007	3.734	ng/ul	99
46) 2,6-Dinitrotoluene	14.03	165	25739	3.316	ng/ul	97
48) Acenaphthylene	14.19	152	222109	3.808	ng/ul	100
49) 3-Nitroaniline	14.36	138	22704	2.698	ng/ul#	98
50) Acenaphthene	14.53	153	152437	3.772	ng/ul	99
51) 2,4-Dinitrophenol	14.56	184	12523	3.517	ng/ul#	73
53) 4-Nitrophenol	14.66	109	22674	3.518	ng/ul	88
54) Dibenzofuran	14.86	168	223709	3.988	ng/ul	98
55) 2,4-Dinitrotoluene	14.82	165	39759	3.497	ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	15.09	232	31520	2.989	ng/ul#	99
57) Diethylphthalate	15.29	149	164735	3.340	ng/ul	100
59) Fluorene	15.52	166	177451	3.845	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.51	204	90200	3.950	ng/ul	97
61) 4-Nitroaniline	15.52	138	24467	2.551	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.58	198	22690	3.594	ng/ul#	76
65) N-Nitrosodiphenylamine	15.72	169	149239	3.643	ng/ul	99
66) 4-Bromophenyl-phenylether	16.40	248	50129	3.342	ng/ul	99
67) Hexachlorobenzene	16.52	284	60816	3.680	ng/ul	98
68) Atrazine	16.66	200	43004	2.731	ng/ul	98
69) Pentachlorophenol	16.86	266	21665	2.376	ng/ul	97
70) Phenanthrene	17.24	178	283415	3.856	ng/ul	99
72) Anthracene	17.34	178	289808	3.839	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.26	216	70552	3.775	ng/uL	99
74) Pentachlorobenzene	14.79	250	71425	3.792	ng/uL	99
75) Carbazole	17.60	167	239761	3.533	ng/ul	100
76) Di-n-butylphthalate	18.17	149	228655	2.661	ng/ul	99
77) Fluoranthene	19.26	202	303108	3.634	ng/ul	96
80) Pyrene	19.62	202	342723	4.001	ng/ul	99
81) Butylbenzylphthalate	20.53	149	87543	2.424	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.30	252	69346	2.304	ng/ul	99
83) Benzo(a)anthracene	21.37	228	328158	3.737	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.30	149	134404	2.452	ng/ul	97
85) Chrysene	21.42	228	311894	3.860	ng/ul	99
87) Di-n-octyl phthalate	22.20	149	209523	2.452	ng/ul	100
88) Benzo(b)fluoranthene	22.97	252	295611	3.764	ng/ul	98
89) Benzo(k)fluoranthene	23.02	252	285169	3.736	ng/ul	99
91) Benzo(a)pyrene	23.56	252	285685	3.812	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.97	276	265717	3.069	ng/ul	97
93) Dibenzo(a,h)anthracene	25.99	278	228630	3.174	ng/ul	99
94) Benzo(g,h,i)perylene	26.68	276	216248	3.041	ng/ul	97

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

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