Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090619\
Data File : BM022557.D
Acq On : 06 Sep 2019 18:09
Operator : HP/JU
Sample : MDL-W-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-W-04

Quant Time: Sep 06 23:20:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 05 19:43:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	236950	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	1072179	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.49	164	700471	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.23	188	1493892	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	1520351	20.00	ng/ul	-0.01
86) Perylene-d12	23.70	264	1762973	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	10046	1.77	ng/uL	0.00
5) Phenol-d5	7.01	99	584525	26.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	368890	29.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	468117	27.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	483765	27.22	ng/ul	-0.01
19) Nitrobenzene-d5	9.01	128	224994	29.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	205997	28.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	451359	24.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	696026	29.09	ng/ul	0.00
44) Dimethylphthalate-d6	13.90	166	1641525	28.92	ng/ul	-0.01
47) Acenaphthylene-d8	14.18	160	2000144	29.43	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.66	143	274187	28.28	ng/ul	0.00
58) Fluorene-d10	15.48	176	1368427	28.79	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.59	200	166261	24.49	ng/ul	-0.01
71) Anthracene-d10	17.33	188	2174808	28.42	ng/ul	0.00
79) Pyrene-d10	19.62	212	2363236	28.01	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.55	264	2580955	27.24	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	9020	1.577	ng/uL#	88
4) Benzaldehyde	6.99	77	37667	3.300	ng/ul	95
6) Phenol	7.04	94	85153	3.728	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.28	93	67236	3.876	ng/ul	98
10) 2-Chlorophenol	7.42	128	68282	3.763	ng/ul	99
11) 2-Methylphenol	8.29	108	61100	3.428	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.39	45	105213	4.124	ng/ul	99
14) Acetophenone	8.67	105	111444	4.019	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.66	70	57617	3.847	ng/ul	97
16) 4-Methylphenol	8.62	108	70673	3.672	ng/ul	99
17) Hexachloroethane	8.95	117	27710	3.855	ng/ul	98
20) Nitrobenzene	9.05	77	80440	4.156	ng/ul	100
21) Isophorone	9.58	82	162097	3.738	ng/ul	100
23) 2-Nitrophenol	9.76	139	32826	3.877	ng/ul	95
24) 2,4-Dimethylphenol	9.82	107	76584	3.608	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.06	93	96668	3.802	ng/ul	98
27) 2,4-Dichlorophenol	10.29	162	63274	3.539	ng/ul	93
28) Naphthalene	10.70	128	229088	3.854	ng/ul	99
30) 4-Chloroaniline	10.80	127	94712	3.854	ng/ul	99
31) Hexachlorobutadiene	11.00	225	39297	3.568	ng/ul	94
32) Caprolactam	11.59	113	20037	3.011	ng/ul	99
33) 4-Chloro-3-methylphenol	11.92	107	70500	3.573	ng/ul	98
34) 2-Methylnaphthalene	12.32	142	167911	3.749	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.53	142	160335	3.747	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.68	216	80521	3.563	ng/ul	99
38) Hexachlorocyclopentadiene	12.67	237	40529	2.909	ng/ul	98
39) 2,4,6-Trichlorophenol	12.92	196	44590	3.152	ng/ul	96
40) 2,4,5-Trichlorophenol	12.99	196	52078	3.394	ng/ul	98
41) 1,1'-Biphenyl	13.33	154	222644	3.817	ng/ul	100
42) 2-Chloronaphthalene	13.36	162	169714	3.843	ng/ul	99
43) 2-Nitroaniline	13.56	65	39384	3.820	ng/ul	97
45) Dimethylphthalate	13.94	163	228830	3.972	ng/ul	99
46) 2,6-Dinitrotoluene	14.05	165	31278	3.334	ng/ul	94
48) Acenaphthylene	14.21	152	273865	3.885	ng/ul	99
49) 3-Nitroaniline	14.38	138	32210	3.167	ng/ul	95
50) Acenaphthene	14.55	153	189159	3.872	ng/ul	99
51) 2,4-Dinitrophenol	14.58	184	15172	3.526	ng/ul	86
53) 4-Nitrophenol	14.67	109	32890	4.222	ng/ul	89
54) Dibenzofuran	14.89	168	268361	3.958	ng/ul	99
55) 2,4-Dinitrotoluene	14.84	165	50665	3.687	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	15.11	232	41192	3.232	ng/ul	94
57) Diethylphthalate	15.31	149	228762	3.838	ng/ul	99
59) Fluorene	15.53	166	221050	3.963	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.53	204	106987	3.876	ng/ul	98
61) 4-Nitroaniline	15.53	138	36405	3.141	ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.60	198	25930	3.300	ng/ul#	73
65) N-Nitrosodiphenylamine	15.74	169	191863	3.764	ng/ul	99
66) 4-Bromophenyl-phenylether	16.42	248	63829	3.420	ng/ul	93
67) Hexachlorobenzene	16.54	284	76006	3.695	ng/ul	99
68) Atrazine	16.69	200	61515	3.139	ng/ul	99
69) Pentachlorophenol	16.87	266	29900	2.635	ng/ul	96
70) Phenanthrene	17.27	178	353125	3.861	ng/ul	100
72) Anthracene	17.36	178	358774	3.818	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.29	216	81361	3.498	ng/uL	100
74) Pentachlorobenzene	14.81	250	85346	3.640	ng/uL	98
75) Carbazole	17.62	167	322687	3.821	ng/ul	99
76) Di-n-butylphthalate	18.20	149	349711	3.270	ng/ul	99
77) Fluoranthene	19.28	202	393706	3.793	ng/ul	96
80) Pyrene	19.64	202	426956	3.880	ng/ul	99
81) Butylbenzylphthalate	20.55	149	134829	2.906	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.32	252	95428	2.468	ng/ul	98
83) Benzo(a)anthracene	21.39	228	430361	3.816	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.33	149	207917	2.954	ng/ul	98
85) Chrysene	21.44	228	400793	3.862	ng/ul	100
87) Di-n-octyl phthalate	22.23	149	326118	2.584	ng/ul	100
88) Benzo(b)fluoranthene	23.00	252	415956	3.586	ng/ul	99
89) Benzo(k)fluoranthene	23.05	252	418019	3.709	ng/ul	99
91) Benzo(a)pyrene	23.60	252	419336	3.789	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	26.03	276	475593	3.720	ng/ul	99
93) Dibenzo(a,h)anthracene	26.04	278	399229	3.753	ng/ul	100
94) Benzo(g,h,i)perylene	26.73	276	384993	3.666	ng/ul	98

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

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