Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090619\
Data File : BM022560.D
Acq On : 06 Sep 2019 19:59
Operator : HP/JU
Sample : MDL-W-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-W-07

Quant Time: Sep 06 23:21:22 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	240772	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	1100439	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.49	164	705248	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.23	188	1475565	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	1509581	20.00	ng/ul	-0.01
86) Perylene-d12	23.70	264	1750377	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	36472	6.31	ng/uL	0.00
5) Phenol-d5	7.01	99	606363	27.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	379456	29.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	480378	27.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	491439	27.22	ng/ul	-0.01
19) Nitrobenzene-d5	9.01	128	232602	29.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	210543	28.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	462066	24.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	709754	28.90	ng/ul	0.00
44) Dimethylphthalate-d6	13.90	166	1621359	28.37	ng/ul	-0.01
47) Acenaphthylene-d8	14.18	160	1999188	29.22	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.66	143	272144	27.88	ng/ul	0.00
58) Fluorene-d10	15.48	176	1359742	28.42	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.59	200	160203	23.89	ng/ul	-0.01
71) Anthracene-d10	17.33	188	2144089	28.36	ng/ul	0.00
79) Pyrene-d10	19.62	212	2330797	27.83	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.55	264	2523363	26.82	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	7971	1.371	ng/uL	92
4) Benzaldehyde	6.99	77	33071	2.851	ng/ul	98
6) Phenol	7.04	94	74857	3.226	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.28	93	60107	3.410	ng/ul	98
10) 2-Chlorophenol	7.42	128	60392	3.275	ng/ul	98
11) 2-Methylphenol	8.29	108	53783	2.969	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.39	45	93067	3.590	ng/ul	99
14) Acetophenone	8.67	105	98209	3.486	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.66	70	49404	3.246	ng/ul	94
16) 4-Methylphenol	8.62	108	61527	3.146	ng/ul	100
17) Hexachloroethane	8.95	117	24032	3.290	ng/ul	92
20) Nitrobenzene	9.05	77	71090	3.579	ng/ul	98
21) Isophorone	9.58	82	138985	3.123	ng/ul	98
23) 2-Nitrophenol	9.76	139	28580	3.289	ng/ul	94
24) 2,4-Dimethylphenol	9.82	107	67082	3.079	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.06	93	85001	3.257	ng/ul	99
27) 2,4-Dichlorophenol	10.29	162	55737	3.037	ng/ul	91
28) Naphthalene	10.70	128	204420	3.351	ng/ul	98
30) 4-Chloroaniline	10.80	127	80970	3.210	ng/ul	100
31) Hexachlorobutadiene	11.00	225	34406	3.043	ng/ul	97
32) Caprolactam	11.59	113	17214	2.520	ng/ul	94
33) 4-Chloro-3-methylphenol	11.92	107	58376	2.883	ng/ul	98
34) 2-Methylnaphthalene	12.32	142	147906	3.218	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.53	142	140908	3.208	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.68	216	70627	3.104	ng/ul	98
38) Hexachlorocyclopentadiene	12.67	237	35545	2.534	ng/ul	99
39) 2,4,6-Trichlorophenol	12.92	196	38217	2.683	ng/ul	96
40) 2,4,5-Trichlorophenol	12.99	196	41691	2.699	ng/ul	98
41) 1,1'-Biphenyl	13.33	154	193242	3.290	ng/ul	98
42) 2-Chloronaphthalene	13.36	162	146632	3.298	ng/ul	99
43) 2-Nitroaniline	13.56	65	33076	3.186	ng/ul	91
45) Dimethylphthalate	13.95	163	195581	3.372	ng/ul	99
46) 2,6-Dinitrotoluene	14.05	165	25968	2.750	ng/ul	89
48) Acenaphthylene	14.21	152	234801	3.308	ng/ul	100
49) 3-Nitroaniline	14.38	138	25727	2.512	ng/ul	91
50) Acenaphthene	14.55	153	161289	3.279	ng/ul	98
51) 2,4-Dinitrophenol	14.58	184	11543	2.664	ng/ul#	79
53) 4-Nitrophenol	14.67	109	27707	3.533	ng/ul	90
54) Dibenzofuran	14.89	168	228184	3.343	ng/ul	99
55) 2,4-Dinitrotoluene	14.84	165	41914	3.030	ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	15.11	232	33110	2.580	ng/ul	96
57) Diethylphthalate	15.31	149	192297	3.204	ng/ul	99
59) Fluorene	15.53	166	189892	3.382	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.53	204	91065	3.277	ng/ul	99
61) 4-Nitroaniline	15.53	138	30531	2.616	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.60	198	21351	2.751	ng/ul#	69
65) N-Nitrosodiphenylamine	15.74	169	162651	3.230	ng/ul	99
66) 4-Bromophenyl-phenylether	16.42	248	54155	2.937	ng/ul	92
67) Hexachlorobenzene	16.54	284	64682	3.184	ng/ul	99
68) Atrazine	16.69	200	51395	2.655	ng/ul	97
69) Pentachlorophenol	16.87	266	23965	2.138	ng/ul	98
70) Phenanthrene	17.27	178	302328	3.346	ng/ul	99
72) Anthracene	17.36	178	309288	3.333	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.29	216	70486	3.068	ng/uL	98
74) Pentachlorobenzene	14.81	250	72798	3.144	ng/uL	98
75) Carbazole	17.62	167	271880	3.259	ng/ul	99
76) Di-n-butylphthalate	18.20	149	287715	2.724	ng/ul	99
77) Fluoranthene	19.28	202	332929	3.247	ng/ul	97
80) Pyrene	19.64	202	364746	3.339	ng/ul	100
81) Butylbenzylphthalate	20.55	149	110296	2.395	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.32	252	79672	2.075	ng/ul	97
83) Benzo(a)anthracene	21.39	228	361602	3.229	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.33	149	170531	2.440	ng/ul#	97
85) Chrysene	21.44	228	340337	3.303	ng/ul	100
87) Di-n-octyl phthalate	22.23	149	263808	2.105	ng/ul	100
88) Benzo(b)fluoranthene	23.00	252	356750	3.098	ng/ul	99
89) Benzo(k)fluoranthene	23.05	252	348459	3.114	ng/ul	99
91) Benzo(a)pyrene	23.60	252	357001	3.249	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	26.03	276	397682	3.133	ng/ul	97
93) Dibenzo(a,h)anthracene	26.04	278	333894	3.161	ng/ul	99
94) Benzo(g,h,i)perylene	26.74	276	325840	3.125	ng/ul	99

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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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