Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091819\
Data File : BM022716.D
Acq On : 18 Sep 2019 14:57
Operator : HP/JU
Sample : MDL-S-ME-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-S-ME-05

Quant Time: Sep 18 15:42:49 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	194709	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.63	136	875514	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.47	164	566606	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.20	188	1177727	20.00	ng/ul	-0.02
78) Chrysene-d12	21.38	240	1177697	20.00	ng/ul	-0.02
86) Perylene-d12	23.66	264	1154768	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	7748	1.66	ng/uL	0.00
5) Phenol-d5	6.99	99	488167	27.18	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.16	67	299657	29.11	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.37	132	397967	28.05	ng/ul	-0.02
13) 4-Methylphenol-d8	8.53	113	401940	27.53	ng/ul	-0.02
19) Nitrobenzene-d5	8.99	128	203618	32.23	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.71	143	193824	33.28	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.25	165	395098	26.71	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.76	131	590330	30.22	ng/ul	-0.02
44) Dimethylphthalate-d6	13.87	166	1312576	28.59	ng/ul	-0.02
47) Acenaphthylene-d8	14.16	160	1651074	30.03	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.65	143	226490	28.88	ng/ul	-0.01
58) Fluorene-d10	15.46	176	1153049	29.99	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.57	200	151482	28.30	ng/ul	-0.02
71) Anthracene-d10	17.30	188	1802314	29.87	ng/ul	-0.02
79) Pyrene-d10	19.59	212	1997467	30.57	ng/ul	-0.02
90) Benzo(a)pyrene-d12	23.52	264	1814815	29.24	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	8009	1.703	ng/uL	90
4) Benzaldehyde	6.98	77	29683	3.165	ng/ul	98
6) Phenol	7.02	94	68902	3.671	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.26	93	54790	3.844	ng/ul	98
10) 2-Chlorophenol	7.40	128	55183	3.701	ng/ul	98
11) 2-Methylphenol	8.28	108	46774	3.193	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.36	45	80968	3.862	ng/ul	99
14) Acetophenone	8.66	105	90481	3.971	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.64	70	44187	3.590	ng/ul	96
16) 4-Methylphenol	8.60	108	56174	3.552	ng/ul	98
17) Hexachloroethane	8.92	117	22681	3.839	ng/ul	94
20) Nitrobenzene	9.03	77	65113	4.120	ng/ul	100
21) Isophorone	9.56	82	115733	3.268	ng/ul	99
23) 2-Nitrophenol	9.74	139	28987	4.193	ng/ul	97
24) 2,4-Dimethylphenol	9.80	107	59247	3.418	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.04	93	77163	3.716	ng/ul	99
27) 2,4-Dichlorophenol	10.27	162	54210	3.713	ng/ul	91
28) Naphthalene	10.68	128	191846	3.952	ng/ul	99
30) 4-Chloroaniline	10.78	127	78517	3.913	ng/ul	94
31) Hexachlorobutadiene	10.97	225	34645	3.852	ng/ul	95
32) Caprolactam	11.59	113	11985	2.205	ng/ul	89
33) 4-Chloro-3-methylphenol	11.90	107	49983	3.102	ng/ul	98
34) 2-Methylnaphthalene	12.29	142	137970	3.773	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.51	142	132610	3.795 ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.66	216	70650	3.864 ng/ul	98
38) Hexachlorocyclopentadiene	12.65	237	32958	2.924 ng/ul	96
39) 2,4,6-Trichlorophenol	12.90	196	36146	3.158 ng/ul	99
40) 2,4,5-Trichlorophenol	12.96	196	41748	3.364 ng/ul	97
41) 1,1'-Biphenyl	13.30	154	184791	3.917 ng/ul	99
42) 2-Chloronaphthalene	13.34	162	140276	3.927 ng/ul	99
43) 2-Nitroaniline	13.54	65	28839	3.458 ng/ul	97
45) Dimethylphthalate	13.92	163	178595	3.832 ng/ul	99
46) 2,6-Dinitrotoluene	14.03	165	25719	3.390 ng/ul	99
48) Acenaphthylene	14.19	152	220621	3.869 ng/ul	99
49) 3-Nitroaniline	14.36	138	22960	2.791 ng/ul	98
50) Acenaphthene	14.53	153	151859	3.843 ng/ul	99
51) 2,4-Dinitrophenol	14.56	184	9346	2.685 ng/ul#	74
53) 4-Nitrophenol	14.66	109	23526	3.733 ng/ul	90
54) Dibenzofuran	14.86	168	222657	4.060 ng/ul	99
55) 2,4-Dinitrotoluene	14.82	165	39933	3.593 ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	15.09	232	32751	3.177 ng/ul	97
57) Diethylphthalate	15.29	149	165823	3.439 ng/ul	99
59) Fluorene	15.52	166	180163	3.993 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.51	204	90133	4.037 ng/ul	97
61) 4-Nitroaniline	15.52	138	24431	2.606 ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.58	198	22727	3.669 ng/ul#	79
65) N-Nitrosodiphenylamine	15.72	169	147965	3.682 ng/ul	98
66) 4-Bromophenyl-phenylether	16.40	248	50178	3.410 ng/ul	96
67) Hexachlorobenzene	16.52	284	60067	3.704 ng/ul	97
68) Atrazine	16.67	200	43222	2.798 ng/ul	99
69) Pentachlorophenol	16.86	266	22429	2.507 ng/ul	99
70) Phenanthrene	17.25	178	283053	3.925 ng/ul	99
72) Anthracene	17.34	178	291454	3.935 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.27	216	69287	3.779 ng/uL	99
74) Pentachlorobenzene	14.79	250	70997	3.841 ng/uL	99
75) Carbazole	17.60	167	240099	3.606 ng/ul	100
76) Di-n-butylphthalate	18.17	149	231101	2.741 ng/ul	100
77) Fluoranthene	19.26	202	303863	3.713 ng/ul	97
80) Pyrene	19.62	202	346493	4.065 ng/ul	99
81) Butylbenzylphthalate	20.52	149	90377	2.515 ng/ul	96
82) 3,3'-Dichlorobenzidine	21.30	252	68580	2.290 ng/ul	99
83) Benzo(a)anthracene	21.37	228	325188	3.722 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.30	149	136397	2.501 ng/ul	97
85) Chrysene	21.42	228	311854	3.879 ng/ul	99
87) Di-n-octyl phthalate	22.19	149	208076	2.517 ng/ul	100
88) Benzo(b)fluoranthene	22.97	252	286074	3.766 ng/ul	99
89) Benzo(k)fluoranthene	23.02	252	292790	3.966 ng/ul	100
91) Benzo(a)pyrene	23.56	252	279789	3.860 ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.97	276	263298	3.144 ng/ul	98
93) Dibenzo(a,h)anthracene	25.98	278	223029	3.201 ng/ul	100
94) Benzo(g,h,i)perylene	26.67	276	208189	3.026 ng/ul	98

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

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