Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072820\
Data File : BM026932.D
Acq On : 29 Jul 2020 18:53
Operator : JU/CG
Sample : L1955-10
Misc : MDL-WATER-03
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-WATER-03

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Quant Time: Jul 30 01:30:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 30 01:20:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	53874	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	199215	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	124366	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	268159	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	295390	20.00	ng/ul	-0.01
86) Perylene-d12	23.44	264	311633	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	8787	7.44	ng/uL	0.00
5) Phenol-d5	6.84	99	140669	29.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.01	67	102813	32.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	111622	31.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	109731	30.22	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	51058	32.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	47603	33.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	107501	31.70	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	128045	31.67	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	319251	32.74	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	408093	32.89	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	50428	30.57	ng/ul	0.00
58) Fluorene-d10	15.29	176	283626	33.43	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	33862	28.33	ng/ul	0.00
71) Anthracene-d10	17.14	188	435428	32.49	ng/ul	0.00
79) Pyrene-d10	19.44	212	498536	31.64	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	547292	31.12	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	7400	5.042	ng/uL	95
4) Benzaldehyde	6.81	77	19420m	5.051	ng/ul	
6) Phenol	6.87	94	35758	7.080	ng/ul#	89
8) Bis(2-Chloroethyl)ether	7.10	93	29591	7.404	ng/ul	98
10) 2-Chlorophenol	7.24	128	28459	7.761	ng/ul	96
11) 2-Methylphenol	8.11	108	24344	6.737	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.20	45	23794	6.723	ng/ul#	93
14) Acetophenone	8.48	105	45870	7.613	ng/ul#	97
15) N-Nitroso-di-n-propylamine	8.47	70	25397	6.979	ng/ul	92
16) 4-Methylphenol	8.43	108	26487	6.879	ng/ul	88
17) Hexachloroethane	8.74	117	14204	8.127	ng/ul	93
20) Nitrobenzene	8.85	77	42137	8.394	ng/ul	99
21) Isophorone	9.38	82	60784	6.868	ng/ul	98
23) 2-Nitrophenol	9.56	139	12734	7.858	ng/ul	95
24) 2,4-Dimethylphenol	9.62	107	32666	7.717	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.86	93	36838	7.471	ng/ul	99
27) 2,4-Dichlorophenol	10.09	162	27528	8.333	ng/ul	94
28) Naphthalene	10.49	128	86759	7.795	ng/ul	98
30) 4-Chloroaniline	10.60	127	29708	7.285	ng/ul	91
31) Hexachlorobutadiene	10.80	225	20137	8.632	ng/ul	98
32) Caprolactam	11.36	113	6340m	6.146	ng/ul	
33) 4-Chloro-3-methylphenol	11.72	107	26236	7.123	ng/ul	97
34) 2-Methylnaphthalene	12.11	142	60761	7.722	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.33	142	58502	7.609 ng/ul#	95
37) 1,2,4,5-Tetrachlorobenzene	12.48	216	35410	8.330 ng/ul	98
38) Hexachlorocyclopentadiene	12.48	237	17137	5.946 ng/ul	96
39) 2,4,6-Trichlorophenol	12.72	196	17267	7.089 ng/ul	94
40) 2,4,5-Trichlorophenol	12.79	196	19314	7.421 ng/ul	97
41) 1,1'-Biphenyl	13.13	154	80454	7.742 ng/ul	97
42) 2-Chloronaphthalene	13.17	162	65716	7.859 ng/ul	99
43) 2-Nitroaniline	13.37	65	17971	7.226 ng/ul	98
45) Dimethylphthalate	13.76	163	80323	7.848 ng/ul	100
46) 2,6-Dinitrotoluene	13.87	165	12608	6.987 ng/ul#	80
48) Acenaphthylene	14.02	152	97123	7.703 ng/ul	99
49) 3-Nitroaniline	14.19	138	11062	6.272 ng/ul	93
50) Acenaphthene	14.37	153	68303	7.863 ng/ul	99
51) 2,4-Dinitrophenol	14.40	184	3985	5.515 ng/ul#	84
53) 4-Nitrophenol	14.50	109	15903	9.624 ng/ul#	79
54) Dibenzofuran	14.70	168	97275	8.078 ng/ul	92
55) 2,4-Dinitrotoluene	14.65	165	19939	7.691 ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	14.93	232	15343	7.514 ng/ul	95
57) Diethylphthalate	15.14	149	80061	7.801 ng/ul	97
59) Fluorene	15.35	166	79341	7.825 ng/ul	94
60) 4-Chlorophenyl-phenylether	15.35	204	40888	8.102 ng/ul	90
61) 4-Nitroaniline	15.35	138	14167	6.554 ng/ul#	87
64) 4,6-Dinitro-2-methylphenol	15.42	198	9660	7.112 ng/ul#	80
65) N-Nitrosodiphenylamine	15.56	169	65573	7.475 ng/ul	99
66) 4-Bromophenyl-phenylether	16.24	248	24554	7.805 ng/ul	95
67) Hexachlorobenzene	16.36	284	29766	8.344 ng/ul	94
68) Atrazine	16.51	200	22406	6.958 ng/ul	98
69) Pentachlorophenol	16.69	266	12038	6.781 ng/ul	92
70) Phenanthrene	17.08	178	128233	7.878 ng/ul	100
72) Anthracene	17.17	178	129955	7.767 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.09	216	31866	7.564 ng/uL	96
74) Pentachlorobenzene	14.62	250	34020	8.329 ng/uL	98
75) Carbazole	17.44	167	109033	7.372 ng/ul	98
76) Di-n-butylphthalate	18.03	149	119227	6.853 ng/ul	98
77) Fluoranthene	19.10	202	149498	7.778 ng/ul	97
80) Pyrene	19.47	202	162324	7.553 ng/ul#	95
81) Butylbenzylphthalate	20.38	149	48378	6.054 ng/ul	97
82) 3,3'-Dichlorobenzidine	21.15	252	34076	4.879 ng/ul	91
83) Benzo(a)anthracene	21.22	228	156331	7.678 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.18	149	73624	6.145 ng/ul	97
85) Chrysene	21.27	228	154769	7.795 ng/ul	99
87) Di-n-octyl phthalate	22.05	149	121639	5.312 ng/ul	100
88) Benzo(b)fluoranthene	22.78	252	157478	7.064 ng/ul	99
89) Benzo(k)fluoranthene	22.82	252	164217	7.677 ng/ul	99
91) Benzo(a)pyrene	23.35	252	155966	7.753 ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.65	276	195908	7.850 ng/ul	97
93) Dibenzo(a,h)anthracene	25.66	278	167444	7.933 ng/ul	98
94) Benzo(g,h,i)perylene	26.32	276	163911	7.943 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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