Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073120\
Data File : BM026955.D
Acq On : 31 Jul 2020 13:03
Operator : JU/CG
Sample : L1955-13
Misc : MDL-WATER-06
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-WATER-06

Manual Integrations APPROVED
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Quant Time: Jul 31 13:34:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 31 12:26:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	56226	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	217173	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	141761	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	312283	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	338716	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	338961	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	9843	7.99	ng/uL	0.00
5) Phenol-d5	6.84	99	153033	31.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	110997	33.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	118075	32.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	119116	31.43	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	55249	32.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	56706	36.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	118796	32.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	151420	34.35	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	374249	33.67	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	455230	32.19	ng/ul	0.00
52) 4-Nitrophenol-d4	14.48	143	62487	33.24	ng/ul	0.00
58) Fluorene-d10	15.29	176	318651	32.95	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	47052	33.80	ng/ul	0.00
71) Anthracene-d10	17.13	188	495595	31.75	ng/ul	0.00
79) Pyrene-d10	19.43	212	562763	31.15	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	604106	31.58	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	7436	4.855	ng/uL	91
4) Benzaldehyde	6.81	77	20685	5.155	ng/ul	91
6) Phenol	6.86	94	37317	7.080	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.09	93	30495	7.311	ng/ul	94
10) 2-Chlorophenol	7.23	128	27867	7.282	ng/ul	97
11) 2-Methylphenol	8.10	108	26074	6.914	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.20	45	25516	6.908	ng/ul#	92
14) Acetophenone	8.47	105	46988	7.472	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.46	70	28718	7.561	ng/ul#	93
16) 4-Methylphenol	8.42	108	27927	6.949	ng/ul	95
17) Hexachloroethane	8.74	117	14134	7.749	ng/ul	93
20) Nitrobenzene	8.84	77	43608	7.969	ng/ul	98
21) Isophorone	9.37	82	68602	7.111	ng/ul	96
23) 2-Nitrophenol	9.55	139	14176	8.025	ng/ul#	86
24) 2,4-Dimethylphenol	9.62	107	33969	7.361	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.85	93	40686	7.569	ng/ul#	94
27) 2,4-Dichlorophenol	10.08	162	27796	7.719	ng/ul	95
28) Naphthalene	10.48	128	91050	7.504	ng/ul	98
30) 4-Chloroaniline	10.58	127	35775	8.047	ng/ul	96
31) Hexachlorobutadiene	10.78	225	20533	8.074	ng/ul	92
32) Caprolactam	11.35	113	7699m	6.846	ng/ul	
33) 4-Chloro-3-methylphenol	11.72	107	28925	7.204	ng/ul	98
34) 2-Methylnaphthalene	12.10	142	64537	7.524	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.32	142	62797	7.493 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.48	216	36082	7.447 ng/ul	97
38) Hexachlorocyclopentadiene	12.47	237	19043	5.796 ng/ul	96
39) 2,4,6-Trichlorophenol	12.71	196	20796	7.490 ng/ul	96
40) 2,4,5-Trichlorophenol	12.78	196	22330	7.527 ng/ul	91
41) 1,1'-Biphenyl	13.12	154	86629	7.313 ng/ul	98
42) 2-Chloronaphthalene	13.16	162	71279	7.478 ng/ul	97
43) 2-Nitroaniline	13.35	65	21726	7.664 ng/ul	87
45) Dimethylphthalate	13.75	163	91167	7.815 ng/ul	98
46) 2,6-Dinitrotoluene	13.86	165	14716	7.155 ng/ul#	80
48) Acenaphthylene	14.01	152	105084	7.312 ng/ul	100
49) 3-Nitroaniline	14.18	138	13038	6.485 ng/ul	97
50) Acenaphthene	14.35	153	72533	7.325 ng/ul	96
51) 2,4-Dinitrophenol	14.39	184	6314	7.667 ng/ul#	78
53) 4-Nitrophenol	14.49	109	18191	9.658 ng/ul	87
54) Dibenzofuran	14.69	168	105874	7.714 ng/ul	92
55) 2,4-Dinitrotoluene	14.65	165	23142	7.831 ng/ul	91
56) 2,3,4,6-Tetrachlorophenol	14.92	232	20070	8.623 ng/ul#	97
57) Diethylphthalate	15.13	149	91672	7.837 ng/ul	97
59) Fluorene	15.34	166	88926	7.694 ng/ul	97
60) 4-Chlorophenyl-phenylether	15.34	204	44708	7.772 ng/ul	92
61) 4-Nitroaniline	15.35	138	14179	5.754 ng/ul	89
64) 4,6-Dinitro-2-methylphenol	15.41	198	12674	8.012 ng/ul#	78
65) N-Nitrosodiphenylamine	15.55	169	72109	7.059 ng/ul	96
66) 4-Bromophenyl-phenylether	16.24	248	26587	7.257 ng/ul	94
67) Hexachlorobenzene	16.35	284	32165	7.742 ng/ul	97
68) Atrazine	16.51	200	27013	7.204 ng/ul	97
69) Pentachlorophenol	16.69	266	15283	7.393 ng/ul	96
70) Phenanthrene	17.07	178	140700	7.422 ng/ul	98
72) Anthracene	17.17	178	142413	7.309 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.09	216	34852	7.104 ng/uL	97
74) Pentachlorobenzene	14.62	250	35549	7.473 ng/uL	98
75) Carbazole	17.43	167	122665	7.122 ng/ul	98
76) Di-n-butylphthalate	18.02	149	147201	7.265 ng/ul	99
77) Fluoranthene	19.09	202	164748	7.361 ng/ul	96
80) Pyrene	19.46	202	171278	6.950 ng/ul#	95
81) Butylbenzylphthalate	20.38	149	63125	6.889 ng/ul	97
82) 3,3'-Dichlorobenzidine	21.15	252	46872	5.853 ng/ul	100
83) Benzo(a)anthracene	21.21	228	171848	7.361 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.17	149	93554	6.810 ng/ul#	98
85) Chrysene	21.26	228	168659	7.408 ng/ul	99
87) Di-n-octyl phthalate	22.04	149	156474	6.283 ng/ul	100
88) Benzo(b)fluoranthene	22.78	252	172811	7.127 ng/ul	96
89) Benzo(k)fluoranthene	22.82	252	177593	7.633 ng/ul	98
91) Benzo(a)pyrene	23.34	252	160151	7.319 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.64	276	205180	7.559 ng/ul	99
93) Dibenzo(a,h)anthracene	25.65	278	174111	7.584 ng/ul	99
94) Benzo(g,h,i)perylene	26.31	276	168781	7.520 ng/ul	98

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

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