Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073020\
Data File : BM026940.D
Acq On : 30 Jul 2020 09:56
Operator : JU/CG
Sample : L1955-11
Misc : MDL-WATER-04
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-04

Manual Integrations APPROVED
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7/31/2020 12:12:41 PM

Quant Time: Jul 30 11:59:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 30 09:40:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	61854	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	242232	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	163074	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	360814	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	396506	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	405955	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	10006	7.38	ng/uL	0.00
5) Phenol-d5	6.84	99	160246	29.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	112727	30.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	122980	30.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	128497	30.82	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	59870	31.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	57532	33.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	127541	30.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	158313	32.20	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	407802	31.89	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	512922	31.52	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	66985	30.97	ng/ul	0.00
58) Fluorene-d10	15.30	176	357580	32.15	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	45692	28.41	ng/ul	0.00
71) Anthracene-d10	17.14	188	561365	31.13	ng/ul	0.00
79) Pyrene-d10	19.44	212	641567	30.33	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	685277	29.91	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	7826	4.644	ng/uL	94
4) Benzaldehyde	6.81	77	23194m	5.254	ng/ul	
6) Phenol	6.87	94	41223	7.109	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.10	93	34179	7.449	ng/ul	94
10) 2-Chlorophenol	7.24	128	30458	7.234	ng/ul	98
11) 2-Methylphenol	8.10	108	28854	6.955	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.20	45	27927	6.873	ng/ul	96
14) Acetophenone	8.48	105	53452	7.727	ng/ul#	96
15) N-Nitroso-di-n-propylamine	8.47	70	31895	7.634	ng/ul	97
16) 4-Methylphenol	8.43	108	33045	7.474	ng/ul	92
17) Hexachloroethane	8.74	117	16146	8.046	ng/ul	88
20) Nitrobenzene	8.85	77	49999	8.191	ng/ul	96
21) Isophorone	9.37	82	76407	7.100	ng/ul	97
23) 2-Nitrophenol	9.55	139	15686	7.961	ng/ul	97
24) 2,4-Dimethylphenol	9.63	107	37767	7.338	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.86	93	44219	7.376	ng/ul	100
27) 2,4-Dichlorophenol	10.09	162	32350	8.054	ng/ul	96
28) Naphthalene	10.49	128	105352	7.785	ng/ul	99
30) 4-Chloroaniline	10.59	127	36926	7.447	ng/ul	99
31) Hexachlorobutadiene	10.79	225	23176	8.171	ng/ul	98
32) Caprolactam	11.37	113	7968m	6.352	ng/ul	
33) 4-Chloro-3-methylphenol	11.72	107	33011	7.371	ng/ul	98
34) 2-Methylnaphthalene	12.11	142	73315	7.663	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.32	142	72559	7.762 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.48	216	41945	7.525 ng/ul	96
38) Hexachlorocyclopentadiene	12.47	237	21653	5.729 ng/ul	96
39) 2,4,6-Trichlorophenol	12.72	196	23285	7.290 ng/ul	93
40) 2,4,5-Trichlorophenol	12.79	196	25571	7.493 ng/ul	94
41) 1,1'-Biphenyl	13.13	154	101466	7.446 ng/ul	98
42) 2-Chloronaphthalene	13.17	162	80830	7.372 ng/ul	98
43) 2-Nitroaniline	13.36	65	24311	7.455 ng/ul	93
45) Dimethylphthalate	13.76	163	100696	7.503 ng/ul	98
46) 2,6-Dinitrotoluene	13.87	165	17091	7.224 ng/ul#	78
48) Acenaphthylene	14.01	152	121715	7.362 ng/ul	99
49) 3-Nitroaniline	14.19	138	14844	6.419 ng/ul	94
50) Acenaphthene	14.36	153	85392	7.497 ng/ul	97
51) 2,4-Dinitrophenol	14.40	184	5463	5.766 ng/ul#	86
53) 4-Nitrophenol	14.50	109	19493	8.996 ng/ul#	82
54) Dibenzofuran	14.70	168	124359	7.876 ng/ul	97
55) 2,4-Dinitrotoluene	14.65	165	26890	7.910 ng/ul#	96
56) 2,3,4,6-Tetrachlorophenol	14.92	232	20906	7.808 ng/ul#	96
57) Diethylphthalate	15.13	149	104104	7.736 ng/ul	97
59) Fluorene	15.35	166	102651	7.721 ng/ul	97
60) 4-Chlorophenyl-phenylether	15.35	204	52574	7.945 ng/ul	96
61) 4-Nitroaniline	15.35	138	18088	6.381 ng/ul	87
64) 4,6-Dinitro-2-methylphenol	15.42	198	12734	6.967 ng/ul#	86
65) N-Nitrosodiphenylamine	15.56	169	84684	7.175 ng/ul	95
66) 4-Bromophenyl-phenylether	16.24	248	32649	7.713 ng/ul	95
67) Hexachlorobenzene	16.35	284	36935	7.695 ng/ul	97
68) Atrazine	16.51	200	29168	6.732 ng/ul	96
69) Pentachlorophenol	16.70	266	16016	6.705 ng/ul	94
70) Phenanthrene	17.08	178	165146	7.540 ng/ul	96
72) Anthracene	17.17	178	170158	7.559 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.09	216	40317	7.112 ng/uL	97
74) Pentachlorobenzene	14.62	250	41614	7.572 ng/uL	97
75) Carbazole	17.44	167	143572	7.215 ng/ul	99
76) Di-n-butylphthalate	18.02	149	161522	6.900 ng/ul#	98
77) Fluoranthene	19.10	202	190692	7.374 ng/ul	97
80) Pyrene	19.46	202	209408	7.259 ng/ul	97
81) Butylbenzylphthalate	20.38	149	64427	6.006 ng/ul	96
82) 3,3'-Dichlorobenzidine	21.15	252	44537	4.751 ng/ul	99
83) Benzo(a)anthracene	21.21	228	201695	7.380 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.18	149	102485	6.373 ng/ul	99
85) Chrysene	21.27	228	197604	7.414 ng/ul	100
87) Di-n-octyl phthalate	22.05	149	162403	5.445 ng/ul	100
88) Benzo(b)fluoranthene	22.78	252	205126	7.063 ng/ul	98
89) Benzo(k)fluoranthene	22.82	252	202958	7.283 ng/ul	97
91) Benzo(a)pyrene	23.34	252	193895m	7.399 ng/ul	
92) Indeno(1,2,3-cd)pyrene	25.65	276	240595	7.401 ng/ul	95
93) Dibenzo(a,h)anthracene	25.66	278	204043	7.421 ng/ul	97
94) Benzo(g,h,i)perylene	26.32	276	201925	7.512 ng/ul	98

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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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