Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072820\
Data File : BM026928.D
Acq On : 29 Jul 2020 16:25
Operator : JU/CG
Sample : L1955-08
Misc : MDL-WATER-01
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-01

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Quant Time: Jul 29 17:01:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 29 02:24:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	62712	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	233980	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	143526	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	304074	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	324564	20.00	ng/ul	0.00
86) Perylene-d12	23.45	264	334505	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	11372	8.27	ng/uL	0.00
5) Phenol-d5	6.84	99	168792	30.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.01	67	117608	31.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	129644	31.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	129649	30.67	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	58431	32.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	56612	33.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	126806	31.83	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	151895	31.98	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	366045	32.52	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	473752	33.08	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	59587	31.30	ng/ul	0.00
58) Fluorene-d10	15.29	176	322188	32.91	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	39255	28.96	ng/ul	0.00
71) Anthracene-d10	17.14	188	495088	32.58	ng/ul	0.00
79) Pyrene-d10	19.44	212	545754	31.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	583644	30.92	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	8015	4.692	ng/uL	95
4) Benzaldehyde	6.81	77	24083m	5.381	ng/ul	
6) Phenol	6.87	94	43393	7.381	ng/ul#	87
8) Bis(2-Chloroethyl)ether	7.10	93	35803	7.696	ng/ul	97
10) 2-Chlorophenol	7.24	128	32916	7.711	ng/ul	98
11) 2-Methylphenol	8.11	108	30513	7.254	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.20	45	29267	7.104	ng/ul	96
14) Acetophenone	8.48	105	53476	7.624	ng/ul#	94
15) N-Nitroso-di-n-propylamine	8.47	70	31154	7.354	ng/ul	99
16) 4-Methylphenol	8.43	108	32904	7.341	ng/ul	95
17) Hexachloroethane	8.74	117	16390	8.056	ng/ul	96
20) Nitrobenzene	8.85	77	50264	8.525	ng/ul	95
21) Isophorone	9.38	82	74372	7.155	ng/ul	97
23) 2-Nitrophenol	9.55	139	15193	7.983	ng/ul	95
24) 2,4-Dimethylphenol	9.62	107	38096	7.663	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.86	93	43408	7.496	ng/ul	97
27) 2,4-Dichlorophenol	10.09	162	31227	8.049	ng/ul	93
28) Naphthalene	10.49	128	104111	7.964	ng/ul	97
30) 4-Chloroaniline	10.60	127	34177	7.135	ng/ul	93
31) Hexachlorobutadiene	10.80	225	23233	8.480	ng/ul	94
32) Caprolactam	11.36	113	7738	6.387	ng/ul	94
33) 4-Chloro-3-methylphenol	11.72	107	31392	7.257	ng/ul	90
34) 2-Methylnaphthalene	12.11	142	71128	7.697	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.33	142	69337	7.679 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.48	216	38876	7.925 ng/ul	96
38) Hexachlorocyclopentadiene	12.48	237	18926	5.690 ng/ul#	97
39) 2,4,6-Trichlorophenol	12.72	196	21541	7.663 ng/ul	95
40) 2,4,5-Trichlorophenol	12.79	196	23240	7.737 ng/ul	97
41) 1,1'-Biphenyl	13.13	154	94614	7.889 ng/ul	98
42) 2-Chloronaphthalene	13.17	162	77088	7.988 ng/ul	98
43) 2-Nitroaniline	13.37	65	23029	8.024 ng/ul	92
45) Dimethylphthalate	13.76	163	93823	7.943 ng/ul	98
46) 2,6-Dinitrotoluene	13.87	165	15946	7.658 ng/ul	91
48) Acenaphthylene	14.02	152	113884	7.826 ng/ul	97
49) 3-Nitroaniline	14.19	138	13556	6.660 ng/ul	92
50) Acenaphthene	14.37	153	80623	8.042 ng/ul	96
51) 2,4-Dinitrophenol	14.40	184	4708	5.646 ng/ul	90
53) 4-Nitrophenol	14.50	109	17011	8.920 ng/ul#	83
54) Dibenzofuran	14.70	168	112652	8.107 ng/ul	94
55) 2,4-Dinitrotoluene	14.65	165	22610	7.557 ng/ul#	89
56) 2,3,4,6-Tetrachlorophenol	14.93	232	17964	7.623 ng/ul	99
57) Diethylphthalate	15.14	149	92478	7.808 ng/ul	98
59) Fluorene	15.35	166	92755	7.926 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.35	204	47711	8.192 ng/ul	99
61) 4-Nitroaniline	15.35	138	16375	6.564 ng/ul	89
64) 4,6-Dinitro-2-methylphenol	15.42	198	11174	7.254 ng/ul#	78
65) N-Nitrosodiphenylamine	15.56	169	76149	7.655 ng/ul	98
66) 4-Bromophenyl-phenylether	16.24	248	28155	7.893 ng/ul	94
67) Hexachlorobenzene	16.36	284	32584	8.055 ng/ul	98
68) Atrazine	16.51	200	26809	7.342 ng/ul	96
69) Pentachlorophenol	16.69	266	14186	7.047 ng/ul	95
70) Phenanthrene	17.08	178	145022	7.857 ng/ul	100
72) Anthracene	17.18	178	146541	7.724 ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.10	216	37594	7.870 ng/uL	97
74) Pentachlorobenzene	14.62	250	36742	7.933 ng/uL	96
75) Carbazole	17.44	167	125872	7.506 ng/ul	99
76) Di-n-butylphthalate	18.03	149	141615	7.178 ng/ul	99
77) Fluoranthene	19.11	202	165267	7.583 ng/ul	98
80) Pyrene	19.47	202	178232	7.548 ng/ul	97
81) Butylbenzylphthalate	20.39	149	56602	6.446 ng/ul	100
82) 3,3'-Dichlorobenzidine	21.16	252	39896	5.199 ng/ul#	97
83) Benzo(a)anthracene	21.22	228	175974	7.866 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.18	149	88765	6.743 ng/ul	99
85) Chrysene	21.27	228	172671	7.915 ng/ul	98
87) Di-n-octyl phthalate	22.06	149	145885	5.936 ng/ul	100
88) Benzo(b)fluoranthene	22.79	252	181822	7.598 ng/ul	98
89) Benzo(k)fluoranthene	22.83	252	175409	7.639 ng/ul	98
91) Benzo(a)pyrene	23.35	252	167106	7.739 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.66	276	209558	7.823 ng/ul	97
93) Dibenzo(a,h)anthracene	25.68	278	178298	7.870 ng/ul	98
94) Benzo(g,h,i)perylene	26.33	276	175006	7.901 ng/ul	98

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

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