Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072820\
Data File : BM026930.D
Acq On : 29 Jul 2020 17:39
Operator : JU/CG
Sample : L1955-09
Misc : PBBL-WATER-02
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-02

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Quant Time: Jul 29 18:18:07 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	61314	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	229514	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	145640	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	311740	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	341845	20.00	ng/ul	0.00
86) Perylene-d12	23.45	264	358195	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	9452	7.03	ng/uL	0.00
5) Phenol-d5	6.84	99	148944	27.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.01	67	104751	28.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	116682	29.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	114435	27.69	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	52967	29.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	50893	31.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	113664	29.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	136535	29.31	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	334598	29.30	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	428260	29.47	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	54753	28.35	ng/ul	0.00
58) Fluorene-d10	15.29	176	294653	29.66	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	35348	25.44	ng/ul	0.00
71) Anthracene-d10	17.14	188	462238	29.67	ng/ul	0.00
79) Pyrene-d10	19.44	212	518172	28.42	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	564996	27.95	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	7265	4.349	ng/uL	96
4) Benzaldehyde	6.81	77	20641m	4.717	ng/ul	
6) Phenol	6.87	94	37442	6.514	ng/ul#	90
8) Bis(2-Chloroethyl)ether	7.10	93	30335	6.669	ng/ul	93
10) 2-Chlorophenol	7.24	128	27732	6.645	ng/ul	96
11) 2-Methylphenol	8.11	108	24268	5.901	ng/ul	91
12) 2,2'-oxybis(1-Chloropropan	8.20	45	24648	6.119	ng/ul#	92
14) Acetophenone	8.48	105	45241	6.597	ng/ul#	93
15) N-Nitroso-di-n-propylamine	8.47	70	25104	6.061	ng/ul#	90
16) 4-Methylphenol	8.43	108	27771	6.337	ng/ul	99
17) Hexachloroethane	8.74	117	14202	7.140	ng/ul	97
20) Nitrobenzene	8.85	77	42062	7.273	ng/ul	96
21) Isophorone	9.38	82	62930	6.172	ng/ul#	97
23) 2-Nitrophenol	9.56	139	13912	7.452	ng/ul	95
24) 2,4-Dimethylphenol	9.62	107	32043	6.571	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.86	93	36714	6.463	ng/ul	100
27) 2,4-Dichlorophenol	10.09	162	27764	7.295	ng/ul	92
28) Naphthalene	10.49	128	88315	6.887	ng/ul	98
30) 4-Chloroaniline	10.60	127	28987	6.170	ng/ul	92
31) Hexachlorobutadiene	10.80	225	20446	7.608	ng/ul	97
32) Caprolactam	11.36	113	6662	5.605	ng/ul	84
33) 4-Chloro-3-methylphenol	11.72	107	27118	6.391	ng/ul	96
34) 2-Methylnaphthalene	12.11	142	61628	6.798	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.33	142	60287	6.806 ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.48	216	33639	6.758 ng/ul	98
38) Hexachlorocyclopentadiene	12.48	237	17286	5.121 ng/ul#	95
39) 2,4,6-Trichlorophenol	12.72	196	17658	6.190 ng/ul	97
40) 2,4,5-Trichlorophenol	12.80	196	20149	6.611 ng/ul	92
41) 1,1'-Biphenyl	13.13	154	81154	6.668 ng/ul	95
42) 2-Chloronaphthalene	13.17	162	66567	6.797 ng/ul	97
43) 2-Nitroaniline	13.37	65	18488	6.348 ng/ul	95
45) Dimethylphthalate	13.76	163	80897	6.750 ng/ul	98
46) 2,6-Dinitrotoluene	13.87	165	13371	6.328 ng/ul#	85
48) Acenaphthylene	14.02	152	97443	6.599 ng/ul	99
49) 3-Nitroaniline	14.19	138	11533	5.584 ng/ul	97
50) Acenaphthene	14.37	153	69776	6.859 ng/ul	95
51) 2,4-Dinitrophenol	14.39	184	4474	5.288 ng/ul#	80
53) 4-Nitrophenol	14.50	109	15878	8.205 ng/ul#	82
54) Dibenzofuran	14.70	168	98144	6.960 ng/ul	99
55) 2,4-Dinitrotoluene	14.65	165	20533	6.763 ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.93	232	16068	6.720 ng/ul	98
57) Diethylphthalate	15.14	149	81009	6.741 ng/ul	98
59) Fluorene	15.35	166	82416	6.941 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.35	204	41643	7.046 ng/ul	99
61) 4-Nitroaniline	15.35	138	14341	5.665 ng/ul	90
64) 4,6-Dinitro-2-methylphenol	15.42	198	9870	6.250 ng/ul#	86
65) N-Nitrosodiphenylamine	15.56	169	68212	6.689 ng/ul	97
66) 4-Bromophenyl-phenylether	16.24	248	24820	6.787 ng/ul#	89
67) Hexachlorobenzene	16.36	284	29678	7.156 ng/ul	92
68) Atrazine	16.51	200	21929	5.858 ng/ul	100
69) Pentachlorophenol	16.69	266	12999	6.299 ng/ul	97
70) Phenanthrene	17.08	178	129962	6.868 ng/ul	99
72) Anthracene	17.17	178	132139	6.794 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.09	216	33910	6.924 ng/uL	99
74) Pentachlorobenzene	14.62	250	33705	7.098 ng/uL	97
75) Carbazole	17.44	167	112682	6.554 ng/ul	99
76) Di-n-butylphthalate	18.03	149	123187	6.091 ng/ul	99
77) Fluoranthene	19.10	202	148244	6.635 ng/ul	96
80) Pyrene	19.47	202	163425	6.571 ng/ul#	95
81) Butylbenzylphthalate	20.39	149	48800	5.277 ng/ul	100
82) 3,3'-Dichlorobenzidine	21.15	252	35037	4.335 ng/ul	98
83) Benzo(a)anthracene	21.22	228	158534	6.728 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.18	149	76953	5.550 ng/ul	99
85) Chrysene	21.27	228	155776	6.780 ng/ul	99
87) Di-n-octyl phthalate	22.05	149	125203	4.757 ng/ul	100
88) Benzo(b)fluoranthene	22.79	252	161258	6.293 ng/ul	99
89) Benzo(k)fluoranthene	22.83	252	166055	6.753 ng/ul	99
91) Benzo(a)pyrene	23.35	252	156736	6.779 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.66	276	195961	6.832 ng/ul	98
93) Dibenzo(a,h)anthracene	25.67	278	167405	6.900 ng/ul	97
94) Benzo(g,h,i)perylene	26.33	276	164967	6.955 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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