Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031921\
Data File : BP005003.D
Acq On : 19 Mar 2021 10:03
Operator : CG/JU
Sample : M1344-02
Misc : SFAM-MDL-W-02
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MDL-WATER-QT2-2021-04

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Quant Time: Mar 19 10:34:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP031721.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 19 09:59:18 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	42732	20.00	ng/ul	0.00
20) Naphthalene-d8	10.52	136	174902	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.38	164	119391	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.13	188	269548	20.00	ng/ul	0.00
79) Chrysene-d12	21.23	240	295504	20.00	ng/ul	0.00
88) Perylene-d12	23.52	264	280314	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	4917m	4.55	ng/uL	0.00
4) Pyridine-d5	3.64	84	68740	26.06	ng/ul	0.00
7) Phenol-d5	6.90	99	112680	32.47	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.06	67	61975	33.87	ng/ul	0.00
11) 2-Chlorophenol-d4	7.26	132	100328	35.96	ng/ul	0.00
15) 4-Methylphenol-d8	8.43	113	93093	33.83	ng/ul	0.00
21) Nitrobenzene-d5	8.88	128	49141	36.75	ng/ul	0.00
24) 2-Nitrophenol-d4	9.60	143	56850	37.60	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.14	165	99400	34.18	ng/ul	0.00
31) 4-Chloroaniline-d4	10.66	131	131664	33.30	ng/ul	0.00
46) Dimethylphthalate-d6	13.79	166	323772	35.51	ng/ul	0.00
49) Acenaphthylene-d8	14.07	160	398604	37.43	ng/ul	0.00
54) 4-Nitrophenol-d4	14.59	143	50855	31.71	ng/ul	0.00
60) Fluorene-d10	15.37	176	287715	36.46	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.50	200	60734	32.28	ng/ul	0.00
73) Anthracene-d10	17.23	188	447348	35.28	ng/ul	0.00
81) Pyrene-d10	19.48	212	514484	35.04	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.37	264	581766	38.58	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	1236	1.103	ng/uL#	58
5) Pyridine	3.67	79	10827	3.978	ng/ul#	69
6) Benzaldehyde	6.88	77	9295	5.153	ng/ul	94
8) Phenol	6.93	94	16375	4.523	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.16	93	12252	4.453	ng/ul#	95
12) 2-Chlorophenol	7.29	128	13812	4.734	ng/ul	95
13) 2-Methylphenol	8.17	108	12104m	4.391	ng/ul	
14) 2,2'-oxybis(1-Chloropropan	8.26	45	11565	4.230	ng/ul#	89
16) Acetophenone	8.55	105	21081	4.662	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.53	70	9350	4.454	ng/ul#	94
18) 4-Methylphenol	8.50	108	13013	4.433	ng/ul	95
19) Hexachloroethane	8.80	117	5780	4.581	ng/ul	90
22) Nitrobenzene	8.92	77	14840	4.349	ng/ul	94
23) Isophorone	9.45	82	25378	4.202	ng/ul#	94
25) 2-Nitrophenol	9.63	139	8358	5.074	ng/ul	96
26) 2,4-Dimethylphenol	9.70	107	15419	4.467	ng/ul	96
27) Bis(2-Chloroethoxy)methane	9.93	93	15986	4.449	ng/ul	99
29) 2,4-Dichlorophenol	10.16	162	13897	4.858	ng/ul	92
30) Naphthalene	10.56	128	45493	4.721	ng/ul	99
32) 4-Chloroaniline	10.68	127	18374	4.594	ng/ul	99
33) Hexachlorobutadiene	10.85	225	10621	4.910	ng/ul	94
34) Caprolactam	11.49	113	3670m	3.884	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.81	107	13594	4.473	ng/ul	97
36) 2-Methylnaphthalene	12.19	142	33922	5.010	ng/ul	99
37) 1-Methylnaphthalene	12.41	142	31551	4.624	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.56	216	19859	4.627	ng/ul	96
40) Hexachlorocyclopentadiene	12.53	237	10089	3.703	ng/ul	95
41) 2,4,6-Trichlorophenol	12.80	196	11622	4.368	ng/ul	99
42) 2,4,5-Trichlorophenol	12.87	196	12258	4.273	ng/ul	98
43) 1,1'-Biphenyl	13.21	154	44096	4.640	ng/ul#	97
44) 2-Chloronaphthalene	13.25	162	34655	4.636	ng/ul	97
45) 2-Nitroaniline	13.46	65	7191	3.624	ng/ul#	75
47) Dimethylphthalate	13.84	163	45213	4.819	ng/ul	97
48) 2,6-Dinitrotoluene	13.96	165	8199	4.314	ng/ul#	77
50) Acenaphthylene	14.10	152	50099	4.586	ng/ul	96
51) 3-Nitroaniline	14.29	138	7582	4.294	ng/ul#	78
52) Acenaphthene	14.44	153	36313	4.635	ng/ul	92
53) 2,4-Dinitrophenol	14.50	184	3810	3.058	ng/ul	90
55) 4-Nitrophenol	14.60	109	6518	4.315	ng/ul	96
56) Dibenzofuran	14.78	168	53026	4.699	ng/ul	95
57) 2,4-Dinitrotoluene	14.75	165	11439	4.258	ng/ul#	89
58) 2,3,4,6-Tetrachlorophenol	15.01	232	11837	4.624	ng/ul	98
59) Diethylphthalate	15.21	149	42802	4.652	ng/ul	98
61) Fluorene	15.43	166	43137	4.625	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.43	204	25126	4.967	ng/ul	95
63) 4-Nitroaniline	15.46	138	7770	4.479	ng/ul	95
66) 4,6-Dinitro-2-methylphenol	15.51	198	8809	4.653	ng/ul#	74
67) N-Nitrosodiphenylamine	15.65	169	36858	4.554	ng/ul	97
68) 4-Bromophenyl-phenylether	16.33	248	14833	4.689	ng/ul	85
69) Hexachlorobenzene	16.44	284	17431	4.911	ng/ul	97
70) Atrazine	16.60	200	13696	4.167	ng/ul	96
71) Pentachlorophenol	16.79	266	9099	3.901	ng/ul	94
72) Phenanthrene	17.18	178	70449	4.602	ng/ul	98
74) Anthracene	17.27	178	71857	4.647	ng/ul	97
75) 1,2,3,4-Tetrachlorobenzene	13.17	216	20406	4.506	ng/uL	96
76) Pentachlorobenzene	14.70	250	20150	4.436	ng/uL	96
77) Carbazole	17.55	167	58359	4.299	ng/ul	96
78) Di-n-butylphthalate	18.10	149	65023	4.204	ng/ul	100
80) Fluoranthene	19.16	202	81439	4.418	ng/ul	97
82) Pyrene	19.51	202	88780	4.657	ng/ul	98
83) Butylbenzylphthalate	20.39	149	27829	4.057	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.15	252	24597	3.622	ng/ul#	99
85) Benzo(a)anthracene	21.22	228	87827	4.604	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.14	149	41765	3.991	ng/ul#	96
87) Chrysene	21.26	228	86020	4.597	ng/ul	99
89) Di-n-octyl phthalate	22.03	149	71475	3.975	ng/ul	100
90) Benzo(b)fluoranthene	22.82	252	89905	4.783	ng/ul	100
91) Benzo(k)fluoranthene	22.87	252	90298	4.843	ng/ul	98
93) Benzo(a)pyrene	23.42	252	80085	4.847	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.86	276	100275	4.803	ng/ul	98
95) Dibenzo(a,h)anthracene	25.88	278	86192	4.936	ng/ul	99
96) Benzo(g,h,i)perylene	26.58	276	85378	4.867	ng/ul	97

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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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