Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031821\
Data File : BP004994.D
Acq On : 18 Mar 2021 10:42
Operator : CG/JU
Sample : M1344-01
Misc : SFAM-MDL-W-01
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-QT2-2021-03

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Quant Time: Mar 18 11:23:39 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP031721.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 18 10:42:23 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	37799	20.00	ng/ul	0.00
20) Naphthalene-d8	10.52	136	149724	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.38	164	96351	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.14	188	219374	20.00	ng/ul	0.00
79) Chrysene-d12	21.23	240	286295	20.00	ng/ul	0.00
88) Perylene-d12	23.52	264	289896	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	4156	4.35	ng/uL	0.00
4) Pyridine-d5	3.64	84	61747	26.46	ng/ul	0.00
7) Phenol-d5	6.90	99	100086	32.61	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.07	67	55170	34.09	ng/ul	0.00
11) 2-Chlorophenol-d4	7.26	132	86053	34.86	ng/ul	0.00
15) 4-Methylphenol-d8	8.44	113	79897	32.82	ng/ul	0.00
21) Nitrobenzene-d5	8.89	128	41357	36.13	ng/ul	0.00
24) 2-Nitrophenol-d4	9.60	143	47898	37.01	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.15	165	84404	33.91	ng/ul	0.00
31) 4-Chloroaniline-d4	10.66	131	110010	32.50	ng/ul	0.00
46) Dimethylphthalate-d6	13.79	166	259473	35.26	ng/ul	0.00
49) Acenaphthylene-d8	14.07	160	322345	37.51	ng/ul	0.00
54) 4-Nitrophenol-d4	14.59	143	39668	30.64	ng/ul	0.00
60) Fluorene-d10	15.38	176	232726	36.54	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.50	200	46708	30.50	ng/ul	0.00
73) Anthracene-d10	17.24	188	365048	35.37	ng/ul	0.00
81) Pyrene-d10	19.48	212	483276	33.98	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.37	264	587148	37.65	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	1237	1.248	ng/uL#	76
5) Pyridine	3.67	79	10598	4.402	ng/ul#	50
6) Benzaldehyde	6.88	77	8237	5.162	ng/ul	90
8) Phenol	6.93	94	13951	4.356	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.16	93	10637	4.371	ng/ul	96
12) 2-Chlorophenol	7.29	128	12583	4.875	ng/ul	95
13) 2-Methylphenol	8.18	108	10744	4.406	ng/ul	86
14) 2,2'-oxybis(1-Chloropropan	8.25	45	10488m	4.337	ng/ul	
16) Acetophenone	8.55	105	18135	4.533	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.54	70	7798	4.199	ng/ul#	90
18) 4-Methylphenol	8.50	108	11721	4.514	ng/ul	90
19) Hexachloroethane	8.80	117	5224	4.681	ng/ul	92
22) Nitrobenzene	8.93	77	13406	4.590	ng/ul	96
23) Isophorone	9.46	82	21046	4.070	ng/ul	99
25) 2-Nitrophenol	9.63	139	7017	4.976	ng/ul#	90
26) 2,4-Dimethylphenol	9.70	107	13296	4.500	ng/ul	99
27) Bis(2-Chloroethoxy)methane	9.94	93	13317m	4.329	ng/ul	
29) 2,4-Dichlorophenol	10.17	162	11988	4.896	ng/ul	99
30) Naphthalene	10.57	128	39089	4.738	ng/ul	98
32) 4-Chloroaniline	10.69	127	14675	4.286	ng/ul	93
33) Hexachlorobutadiene	10.85	225	9007	4.864	ng/ul	94
34) Caprolactam	11.49	113	3210m	3.969	ng/ul	

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35) 4-Chloro-3-methylphenol	11.82	107	11513	4.425	ng/ul	97
36) 2-Methylnaphthalene	12.19	142	27602	4.762	ng/ul	98
37) 1-Methylnaphthalene	12.41	142	26874	4.601	ng/ul#	93
39) 1,2,4,5-Tetrachlorobenzene	12.56	216	16769	4.842	ng/ul	95
40) Hexachlorocyclopentadiene	12.54	237	8254	3.754	ng/ul#	90
41) 2,4,6-Trichlorophenol	12.80	196	9410	4.382	ng/ul	98
42) 2,4,5-Trichlorophenol	12.88	196	9881	4.268	ng/ul	91
43) 1,1'-Biphenyl	13.21	154	35736	4.660	ng/ul#	97
44) 2-Chloronaphthalene	13.25	162	28912	4.792	ng/ul	92
45) 2-Nitroaniline	13.46	65	6250	3.902	ng/ul	97
47) Dimethylphthalate	13.84	163	35985	4.752	ng/ul	99
48) 2,6-Dinitrotoluene	13.96	165	6457	4.210	ng/ul	96
50) Acenaphthylene	14.10	152	40464	4.589	ng/ul	99
51) 3-Nitroaniline	14.29	138	5903	4.143	ng/ul	98
52) Acenaphthene	14.45	153	28529	4.512	ng/ul	94
53) 2,4-Dinitrophenol	14.50	184	3251	3.233	ng/ul#	88
55) 4-Nitrophenol	14.60	109	4967	4.074	ng/ul	90
56) Dibenzofuran	14.78	168	44032	4.835	ng/ul	99
57) 2,4-Dinitrotoluene	14.75	165	10059	4.639	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.01	232	9505	4.601	ng/ul#	85
59) Diethylphthalate	15.22	149	33492	4.510	ng/ul	97
61) Fluorene	15.43	166	34843	4.629	ng/ul	94
62) 4-Chlorophenyl-phenylether	15.43	204	19164	4.694	ng/ul	97
63) 4-Nitroaniline	15.46	138	5506	3.933	ng/ul	94
66) 4,6-Dinitro-2-methylphenol	15.52	198	7222	4.687	ng/ul	99
67) N-Nitrosodiphenylamine	15.65	169	29785	4.521	ng/ul	95
68) 4-Bromophenyl-phenylether	16.33	248	11964	4.647	ng/ul	93
69) Hexachlorobenzene	16.44	284	14120	4.888	ng/ul	98
70) Atrazine	16.60	200	11225	4.196	ng/ul	92
71) Pentachlorophenol	16.79	266	6935	3.654	ng/ul	96
72) Phenanthrene	17.18	178	56922	4.569	ng/ul	95
74) Anthracene	17.27	178	57884	4.600	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.17	216	17208	4.668	ng/uL	90
76) Pentachlorobenzene	14.70	250	15754	4.262	ng/uL#	89
77) Carbazole	17.55	167	46840	4.239	ng/ul	96
78) Di-n-butylphthalate	18.11	149	51245	4.071	ng/ul	98
80) Fluoranthene	19.16	202	67717	3.791	ng/ul	99
82) Pyrene	19.51	202	81912	4.435	ng/ul	95
83) Butylbenzylphthalate	20.39	149	23623	3.555	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.16	252	23186	3.524	ng/ul	93
85) Benzo(a)anthracene	21.22	228	85210	4.610	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.15	149	36410	3.591	ng/ul	98
87) Chrysene	21.27	228	86483	4.770	ng/ul	99
89) Di-n-octyl phthalate	22.03	149	63898	3.436	ng/ul	100
90) Benzo(b)fluoranthene	22.82	252	86729	4.462	ng/ul	98
91) Benzo(k)fluoranthene	22.87	252	89629	4.649	ng/ul	97
93) Benzo(a)pyrene	23.42	252	79558	4.656	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.86	276	103747	4.805	ng/ul	95
95) Dibenzo(a,h)anthracene	25.87	278	86657	4.799	ng/ul	100
96) Benzo(g,h,i)perylene	26.58	276	85158	4.694	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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