Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012621\
Data File : BM028539.D
Acq On : 26 Jan 2021 11:04
Operator : CG/JU
Sample : L5214-02
Misc : SFAM-MDL-W-02
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-WATER-QT1-2021-02

Quant Time: Jan 26 11:42:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM011921.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 25 12:52:04 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	27759	20.00	ng/ul	0.00
20) Naphthalene-d8	10.804	136	110436	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.633	164	61697	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.362	188	120336	20.00	ng/ul	0.00
79) Chrysene-d12	21.497	240	112780	20.00	ng/ul	0.00
88) Perylene-d12	23.768	264	109586	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	2177	3.29	ng/uL	0.00
4) Pyridine-d5	3.716	84	35279	18.66	ng/ul	0.00
7) Phenol-d5	7.145	99	83271	35.81	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.316	67	52203	35.51	ng/ul	0.00
11) 2-Chlorophenol-d4	7.516	132	72939	36.71	ng/ul	0.00
15) 4-Methylphenol-d8	8.704	113	70092	37.09	ng/ul	0.00
21) Nitrobenzene-d5	9.163	128	33974	37.61	ng/ul	0.00
24) 2-Nitrophenol-d4	9.886	143	36793	37.82	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.422	165	64333	35.19	ng/ul	0.00
31) 4-Chloroaniline-d4	10.939	131	89169	36.48	ng/ul	0.00
46) Dimethylphthalate-d6	14.039	166	178446	36.08	ng/ul	0.00
49) Acenaphthylene-d8	14.327	160	233765	38.81	ng/ul	0.00
54) 4-Nitrophenol-d4	14.827	143	31955	36.81	ng/ul	0.00
60) Fluorene-d10	15.621	176	149081	35.83	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	27108	35.06	ng/ul	0.00
73) Anthracene-d10	17.462	188	219677	36.72	ng/ul	0.00
81) Pyrene-d10	19.733	212	231424	36.12	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.627	264	213185	35.42	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.304	88	819	1.16	ng/uL	97
5) Pyridine	3.746	79	7953	4.19	ng/ul	86
6) Benzaldehyde	7.122	77	5020	5.39	ng/ul	96
8) Phenol	7.175	94	9832	4.17	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.410	93	8406	4.29	ng/ul	99
12) 2-Chlorophenol	7.551	128	8673	4.30	ng/ul	96
13) 2-Methylphenol	8.433	108	6920	3.86	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.522	45	12618	3.76	ng/ul#	94
16) Acetophenone	8.822	105	11700	4.04	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.804	70	5488	3.83	ng/ul	94
18) 4-Methylphenol	8.769	108	7743	4.03	ng/ul	99
19) Hexachloroethane	9.075	117	3578	4.02	ng/ul	97
22) Nitrobenzene	9.204	77	9143	4.12	ng/ul	97
23) Isophorone	9.733	82	14716	3.80	ng/ul	96
25) 2-Nitrophenol	9.916	139	4509	4.28	ng/ul	97
26) 2,4-Dimethylphenol	9.975	107	8140	3.93	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.210	93	10006	3.98	ng/ul	96
29) 2,4-Dichlorophenol	10.451	162	7487	4.23	ng/ul	93
30) Naphthalene	10.857	128	25997	4.12	ng/ul	97
32) 4-Chloroaniline	10.963	127	9783	4.11	ng/ul	99
33) Hexachlorobutadiene	11.127	225	4721	3.94	ng/ul	98
34) Caprolactam	11.751	113	1778	3.42	ng/ul	91
35) 4-Chloro-3-methylphenol	12.080	107	7114	3.94	ng/ul	98
36) 2-Methylnaphthalene	12.463	142	17966	4.23	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.680	142	16987	4.15	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.827	216	8855	4.18	ng/ul	99
40) Hexachlorocyclopentadiene	12.804	237	3943	3.62	ng/ul	99
41) 2,4,6-Trichlorophenol	13.068	196	5284	3.99	ng/ul	91
42) 2,4,5-Trichlorophenol	13.139	196	5731	4.03	ng/ul	99
43) 1,1'-Biphenyl	13.468	154	22475	4.16	ng/ul	99
44) 2-Chloronaphthalene	13.510	162	17453	4.15	ng/ul	96
45) 2-Nitroaniline	13.715	65	4158	3.58	ng/ul	96
47) Dimethylphthalate	14.086	163	20608	4.07	ng/ul	98
48) 2,6-Dinitrotoluene	14.215	165	3583	3.58	ng/ul	98
50) Acenaphthylene	14.357	152	25808	4.19	ng/ul	99
51) 3-Nitroaniline	14.539	138	3491	3.84	ng/ul#	99
52) Acenaphthene	14.698	153	18327	4.13	ng/ul	98
53) 2,4-Dinitrophenol	14.757	184	1770	3.24	ng/ul	89
55) 4-Nitrophenol	14.839	109	2804	4.05	ng/ul	88
56) Dibenzofuran	15.027	168	25349	4.26	ng/ul	97
57) 2,4-Dinitrotoluene	14.998	165	5013	3.72	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.257	232	4406	3.81	ng/ul#	98
59) Diethylphthalate	15.439	149	20078	3.85	ng/ul	96
61) Fluorene	15.674	166	20701	4.18	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.668	204	9982	4.04	ng/ul	96
63) 4-Nitroaniline	15.692	138	3247	4.09	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.757	198	3231	3.89	ng/ul#	73
67) N-Nitrosodiphenylamine	15.880	169	16893	4.17	ng/ul	99
68) 4-Bromophenyl-phenylether	16.556	248	5788	3.95	ng/ul	98
69) Hexachlorobenzene	16.668	284	6742	4.06	ng/ul	96
70) Atrazine	16.821	200	5366	3.58	ng/ul	94
71) Pentachlorophenol	17.015	266	3075	3.27	ng/ul	96
72) Phenanthrene	17.403	178	30917	4.20	ng/ul	99
74) Anthracene	17.492	178	31656	4.23	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.433	216	8650	4.19	ng/uL	97
76) Pentachlorobenzene	14.951	250	8169	4.05	ng/uL	95
77) Carbazole	17.762	167	26572	4.19	ng/ul	99
78) Di-n-butylphthalate	18.309	149	32067	3.67	ng/ul	99
80) Fluoranthene	19.397	202	33639	3.97	ng/ul	98
82) Pyrene	19.756	202	35291	4.06	ng/ul	98
83) Butylbenzylphthalate	20.639	149	14374	3.65	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.409	252	11186	4.82	ng/ul	95
85) Benzo(a)anthracene	21.480	228	32400	4.20	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.397	149	21488	3.52	ng/ul	99
87) Chrysene	21.533	228	31124	4.15	ng/ul	98
89) Di-n-octyl phthalate	22.280	149	36157	3.51	ng/ul	100
90) Benzo(b)fluoranthene	23.080	252	32837	4.37	ng/ul	98
91) Benzo(k)fluoranthene	23.127	252	30871	4.22	ng/ul	98
93) Benzo(a)pyrene	23.668	252	29854	4.39	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.073	276	34961	4.35	ng/ul	99
95) Dibenzo(a,h)anthracene	26.079	278	29320	4.30	ng/ul	96
96) Benzo(g,h,i)perylene	26.779	276	29246	4.32	ng/ul	96

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

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