Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060721\
Data File : BM030307.D
Acq On : 07 Jun 2021 13:57
Operator : CG/JU
Sample : M2250-01
Misc : SFAM-MDL-W-01
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-WATER-QT3-2021-05

Quant Time: Jun 07 14:35:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 07 09:55:51 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	148476	20.000	ng/ul	0.00
20) Naphthalene-d8	10.639	136	594321	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.474	164	367323	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.209	188	726510	20.000	ng/ul	0.00
79) Chrysene-d12	21.374	240	704731	20.000	ng/ul	0.00
88) Perylene-d12	23.656	264	740343	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.316	96	18351	4.719	ng/uL	0.00
4) Pyridine-d5	3.734	84	140277	13.729	ng/ul	0.00
7) Phenol-d5	7.004	99	250492	19.411	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.181	67	177889	21.359	ng/ul	0.00
11) 2-Chlorophenol-d4	7.381	132	207843	22.271	ng/ul	0.00
15) 4-Methylphenol-d8	8.545	113	192413	18.670	ng/ul	0.00
21) Nitrobenzene-d5	9.004	128	91407	22.469	ng/ul	0.00
24) 2-Nitrophenol-d4	9.728	143	89166	22.068	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	188674	21.437	ng/ul	0.00
31) 4-Chloroaniline-d4	10.775	131	260027	19.326	ng/ul	0.00
46) Dimethylphthalate-d6	13.880	166	560435	22.233	ng/ul	0.00
49) Acenaphthylene-d8	14.168	160	708662	22.503	ng/ul	0.00
54) 4-Nitrophenol-d4	14.651	143	85576	18.137	ng/ul	0.00
60) Fluorene-d10	15.462	176	513447	22.752	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.574	200	67997	16.214	ng/ul	0.00
73) Anthracene-d10	17.309	188	747992	22.636	ng/ul	0.00
81) Pyrene-d10	19.592	212	811115	21.990	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.515	264	897788	24.319	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.351	88	5577	1.415	ng/uL#	86
5) Pyridine	3.757	79	42567	3.946	ng/ul#	70
6) Benzaldehyde	6.992	77	36081	5.966	ng/ul	94
8) Phenol	7.034	94	55801	4.269	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.275	93	46631	4.419	ng/ul	96
12) 2-Chlorophenol	7.416	128	44460	4.618	ng/ul	99
13) 2-Methylphenol	8.281	108	35349	3.637	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.375	45	72074	4.241	ng/ul	95
16) Acetophenone	8.669	105	67220	4.125	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.651	70	32192	4.065	ng/ul	99
18) 4-Methylphenol	8.604	108	42789	3.993	ng/ul	100
19) Hexachloroethane	8.928	117	18138	4.453	ng/ul	96
22) Nitrobenzene	9.045	77	49662	4.755	ng/ul	98
23) Isophorone	9.575	82	78556	4.114	ng/ul	100
25) 2-Nitrophenol	9.757	139	20788	4.645	ng/ul	97
26) 2,4-Dimethylphenol	9.810	107	46403	4.580	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.051	93	57688	4.537	ng/ul	97
29) 2,4-Dichlorophenol	10.286	162	40881	4.770	ng/ul	98
30) Naphthalene	10.692	128	145714	4.837	ng/ul	99
32) 4-Chloroaniline	10.798	127	58632	4.354	ng/ul	94
33) Hexachlorobutadiene	10.980	225	29069	5.330	ng/ul	98
34) Caprolactam	11.580	113	9266	3.376	ng/ul	94
35) 4-Chloro-3-methylphenol	11.916	107	34642	3.972	ng/ul	96
36) 2-Methylnaphthalene	12.298	142	99151	4.626	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.521	142	100490	4.620	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.669	216	54304	5.085	ng/ul	99
40) Hexachlorocyclopentadiene	12.651	237	30190	4.474	ng/ul#	96
41) 2,4,6-Trichlorophenol	12.904	196	27128	4.228	ng/ul	99
42) 2,4,5-Trichlorophenol	12.969	196	30382	4.347	ng/ul	92
43) 1,1'-Biphenyl	13.310	154	128506	4.802	ng/ul	97
44) 2-Chloronaphthalene	13.351	162	99449	4.815	ng/ul	98
45) 2-Nitroaniline	13.551	65	18753	3.632	ng/ul	96
47) Dimethylphthalate	13.927	163	118471	4.811	ng/ul	98
48) 2,6-Dinitrotoluene	14.045	165	16475	3.733	ng/ul	96
50) Acenaphthylene	14.198	152	146885	4.883	ng/ul	99
51) 3-Nitroaniline	14.374	138	17388	3.456	ng/ul	89
52) Acenaphthene	14.539	153	106488	4.765	ng/ul	97
53) 2,4-Dinitrophenol	14.580	184	10552	3.583	ng/ul	96
55) 4-Nitrophenol	14.663	109	14929	4.038	ng/ul	94
56) Dibenzofuran	14.874	168	149974	4.824	ng/ul	100
57) 2,4-Dinitrotoluene	14.827	165	24378	3.906	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	15.098	232	23871	4.267	ng/ul	96
59) Diethylphthalate	15.292	149	104465	4.299	ng/ul	99
61) Fluorene	15.521	166	122566	4.695	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.515	204	61805	4.917	ng/ul	96
63) 4-Nitroaniline	15.533	138	16033	3.403	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.592	198	15122	3.637	ng/ul#	94
67) N-Nitrosodiphenylamine	15.727	169	98069	4.582	ng/ul	98
68) 4-Bromophenyl-phenylether	16.404	248	32673	4.624	ng/ul	96
69) Hexachlorobenzene	16.521	284	39336	4.898	ng/ul	99
70) Atrazine	16.668	200	27785	3.618	ng/ul	97
71) Pentachlorophenol	16.856	266	20071	4.078	ng/ul	96
72) Phenanthrene	17.251	178	187303	4.768	ng/ul	100
74) Anthracene	17.339	178	190910	4.815	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.274	216	52407	5.013	ng/uL	98
76) Pentachlorobenzene	14.792	250	49920	4.959	ng/uL	96
77) Carbazole	17.609	167	146373	4.157	ng/ul	99
78) Di-n-butylphthalate	18.168	149	136093	3.691	ng/ul	100
80) Fluoranthene	19.256	202	196250	4.330	ng/ul	99
82) Pyrene	19.621	202	222520	4.642	ng/ul	98
83) Butylbenzylphthalate	20.515	149	50895	3.383	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.291	252	46331	3.635	ng/ul	97
85) Benzo(a)anthracene	21.356	228	201448	4.731	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.286	149	71109	3.116	ng/ul	99
87) Chrysene	21.409	228	209289	4.985	ng/ul	99
89) Di-n-octyl phthalate	22.174	149	125925	2.641	ng/ul	100
90) Benzo(b)fluoranthene	22.968	252	217794	4.577	ng/ul	99
91) Benzo(k)fluoranthene	23.009	252	198233	4.361	ng/ul	99
93) Benzo(a)pyrene	23.556	252	196616	4.727	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.979	276	240818	4.704	ng/ul	96
95) Dibenzo(a,h)anthracene	25.985	278	204493	4.744	ng/ul	97
96) Benzo(g,h,i)perylene	26.685	276	202135	4.805	ng/ul	96

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

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