Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100621\
Data File : BM032338.D
Acq On : 06 Oct 2021 12:06
Operator : CG/JU
Sample : M3263-01
Misc : SFAM-MDL-WATER-01
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-WATER-QT4-2021-07

Quant Time: Oct 06 12:37:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM100521.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 06 10:06:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.625	152	260991	20.00	ng/ul	0.00
20) Naphthalene-d8	10.413	136	1128111	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.272	164	743005	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.995	188	1588441	20.00	ng/ul	0.00
79) Chrysene-d12	21.159	240	1634473	20.00	ng/ul	0.00
88) Perylene-d12	23.306	264	1614059	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.960	96	34177	5.25	ng/uL	0.00
4) Pyridine-d5	3.390	84	366626	19.94	ng/ul	0.00
7) Phenol-d5	6.807	99	606602	27.33	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.948	67	371136	29.13	ng/ul	0.00
11) 2-Chlorophenol-d4	7.160	132	489615	28.89	ng/ul	0.00
15) 4-Methylphenol-d8	8.348	113	484796	27.05	ng/ul	0.00
21) Nitrobenzene-d5	8.778	128	226502	28.46	ng/ul	0.00
24) 2-Nitrophenol-d4	9.501	143	245833	28.65	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.042	165	470122	27.53	ng/ul	0.00
31) 4-Chloroaniline-d4	10.548	131	674501	26.77	ng/ul	0.00
46) Dimethylphthalate-d6	13.672	166	1514417	29.45	ng/ul	0.00
49) Acenaphthylene-d8	13.960	160	1705956	27.31	ng/ul	0.00
54) 4-Nitrophenol-d4	14.471	143	276668	27.40	ng/ul	0.00
60) Fluorene-d10	15.260	176	1283432	29.43	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.371	200	218293	24.11	ng/ul	0.00
73) Anthracene-d10	17.095	188	1975918	28.58	ng/ul	0.00
81) Pyrene-d10	19.377	212	2295812	27.92	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.171	264	2474973	30.62	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.002	88	6931	0.98	ng/uL#	91
5) Pyridine	3.413	79	68963	3.79	ng/ul#	81
6) Benzaldehyde	6.754	77	47351	4.53	ng/ul	96
8) Phenol	6.837	94	82370	3.66	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.043	93	66590	3.76	ng/ul	99
12) 2-Chlorophenol	7.190	128	65056	3.72	ng/ul	97
13) 2-Methylphenol	8.084	108	58556	3.40	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.154	45	82466	3.76	ng/ul	96
16) Acetophenone	8.442	105	100186	3.82	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.431	70	46940	3.62	ng/ul	98
18) 4-Methylphenol	8.413	108	66185	3.66	ng/ul	97
19) Hexachloroethane	8.713	117	25337	3.64	ng/ul	97
22) Nitrobenzene	8.819	77	67524	3.57	ng/ul	99
23) Isophorone	9.337	82	122762	3.37	ng/ul	99
25) 2-Nitrophenol	9.531	139	33838	3.61	ng/ul	96
26) 2,4-Dimethylphenol	9.607	107	67982	3.39	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.825	93	86497	3.58	ng/ul	98
29) 2,4-Dichlorophenol	10.072	162	61686	3.67	ng/ul	95
30) Naphthalene	10.460	128	219008	3.79	ng/ul	99
32) 4-Chloroaniline	10.566	127	92337	3.65	ng/ul	95
33) Hexachlorobutadiene	10.772	225	40080	3.70	ng/ul	97
34) Caprolactam	11.289	113	29044	4.79	ng/ul	93
35) 4-Chloro-3-methylphenol	11.707	107	59791	3.23	ng/ul	98
36) 2-Methylnaphthalene	12.078	142	148697	3.78	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.301	142	150083	3.75	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.460	216	78057	3.81	ng/ul	98
40) Hexachlorocyclopentadiene	12.454	237	37267	3.12	ng/ul	98
41) 2,4,6-Trichlorophenol	12.701	196	43186	3.29	ng/ul	100
42) 2,4,5-Trichlorophenol	12.772	196	46918	3.26	ng/ul	96
43) 1,1'-Biphenyl	13.095	154	200809	3.77	ng/ul	99
44) 2-Chloronaphthalene	13.136	162	150503	3.71	ng/ul	99
45) 2-Nitroaniline	13.336	65	29999	2.77	ng/ul	96
47) Dimethylphthalate	13.719	163	195428	3.79	ng/ul	99
48) 2,6-Dinitrotoluene	13.830	165	26526	2.76	ng/ul	88
50) Acenaphthylene	13.989	152	241197	3.65	ng/ul	99
51) 3-Nitroaniline	14.166	138	29485	2.94	ng/ul	98
52) Acenaphthene	14.330	153	169491	3.88	ng/ul	100
53) 2,4-Dinitrophenol	14.366	184	18057	2.93	ng/ul#	83
55) 4-Nitrophenol	14.489	109	30103	3.69	ng/ul	99
56) Dibenzofuran	14.666	168	247732	3.92	ng/ul	100
57) 2,4-Dinitrotoluene	14.619	165	44464	3.13	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	14.901	232	38993	3.33	ng/ul	99
59) Diethylphthalate	15.083	149	185835	3.62	ng/ul	99
61) Fluorene	15.313	166	202027	4.16	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.307	204	101189	4.12	ng/ul	98
63) 4-Nitroaniline	15.324	138	30589	3.30	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.383	198	29815	3.35	ng/ul#	68
67) N-Nitrosodiphenylamine	15.518	169	165774	3.74	ng/ul	98
68) 4-Bromophenyl-phenylether	16.195	248	54314	3.55	ng/ul	96
69) Hexachlorobenzene	16.324	284	67207	3.81	ng/ul	100
70) Atrazine	16.454	200	69269	4.14	ng/ul	98
71) Pentachlorophenol	16.665	266	44864	4.22	ng/ul	99
72) Phenanthrene	17.036	178	323661	3.95	ng/ul	99
74) Anthracene	17.124	178	316160	3.84	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.072	216	78978	3.54	ng/uL	99
76) Pentachlorobenzene	14.601	250	81353	3.67	ng/uL	99
77) Carbazole	17.389	167	275606	3.75	ng/ul	99
78) Di-n-butylphthalate	17.948	149	292170	3.44	ng/ul	99
80) Fluoranthene	19.048	202	375387	3.70	ng/ul	99
82) Pyrene	19.406	202	408173	3.92	ng/ul	98
83) Butylbenzylphthalate	20.295	149	122101	3.09	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.077	252	111224	3.75	ng/ul	99
85) Benzo(a)anthracene	21.142	228	377125	3.83	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.071	149	183102	3.33	ng/ul	100
87) Chrysene	21.195	228	384701	3.96	ng/ul	99
89) Di-n-octyl phthalate	21.912	149	296066	3.22	ng/ul	100
90) Benzo(b)fluoranthene	22.665	252	380650	3.88	ng/ul	99
91) Benzo(k)fluoranthene	22.706	252	377653	4.24	ng/ul	99
93) Benzo(a)pyrene	23.212	252	353358	3.80	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.418	276	391377	3.81	ng/ul	99
95) Dibenzo(a,h)anthracene	25.424	278	337171	3.83	ng/ul	98
96) Benzo(g,h,i)perylene	26.071	276	334537	3.72	ng/ul	99

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

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