Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030123\
Data File : BM038822.D
Acq On : 01 Mar 2023 10:34
Operator : CG/JU
Sample : 01378-01
Misc : SFAM-MDL-WATER-01
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 01 11:18:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 01 02:09:21 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT1-2023-01

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/03/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.010	152	216523	20.000	ng/ul	0.00
20) Naphthalene-d8	10.827	136	985294	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.645	164	633127	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.386	188	1378534	20.000	ng/ul	0.00
79) Chrysene-d12	21.568	240	1381693	20.000	ng/ul	0.00
88) Perylene-d12	24.021	264	1575271	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	29526	5.092	ng/uL	0.00
4) Pyridine-d5	3.804	84	236104	14.809	ng/ul	0.00
7) Phenol-d5	7.157	99	368891	18.172	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	249572	19.242	ng/ul	0.00
11) 2-Chlorophenol-d4	7.534	132	288576	19.078	ng/ul	0.00
15) 4-Methylphenol-d8	8.716	113	281778	17.620	ng/ul	0.00
21) Nitrobenzene-d5	9.175	128	133221	19.260	ng/ul	0.00
24) 2-Nitrophenol-d4	9.904	143	122189	18.852	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.439	165	271662	18.037	ng/ul	0.00
31) 4-Chloroaniline-d4	10.957	131	441004	17.567	ng/ul	0.00
46) Dimethylphthalate-d6	14.057	166	932008	19.006	ng/ul	0.00
49) Acenaphthylene-d8	14.339	160	1053589	18.383	ng/ul	0.00
54) 4-Nitrophenol-d4	14.821	143	152701	15.555	ng/ul	0.00
60) Fluorene-d10	15.633	176	813196	18.803	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	94955	13.249	ng/ul	0.00
73) Anthracene-d10	17.486	188	1216422	17.895	ng/ul	0.00
81) Pyrene-d10	19.774	212	1488409	19.586	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.862	264	1511999	19.047	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.416	88	8736	1.402	ng/uL	97
5) Pyridine	3.828	79	67142	3.912	ng/ul#	82
6) Benzaldehyde	7.145	77	49731m	5.058	ng/ul	
8) Phenol	7.187	94	96588	4.446	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.428	93	79992	4.625	ng/ul	99
12) 2-Chlorophenol	7.569	128	71683	4.601	ng/ul	97
13) 2-Methylphenol	8.451	108	68005	4.187	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.551	45	102079	4.701	ng/ul	99
16) Acetophenone	8.834	105	132789	4.778	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.822	70	60461	4.736	ng/ul	97
18) 4-Methylphenol	8.775	108	80813	4.481	ng/ul	92
19) Hexachloroethane	9.104	117	27685	4.436	ng/ul	87
22) Nitrobenzene	9.216	77	89472	4.728	ng/ul	99
23) Isophorone	9.745	82	172291	4.476	ng/ul	98
25) 2-Nitrophenol	9.933	139	35749	4.651	ng/ul	98
26) 2,4-Dimethylphenol	9.992	107	76870	4.071	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.233	93	113604	4.810	ng/ul	98
29) 2,4-Dichlorophenol	10.463	162	73811	4.834	ng/ul	98
30) Naphthalene	10.880	128	271341	4.826	ng/ul	99
32) 4-Chloroaniline	10.980	127	115935	4.561	ng/ul	98
33) Hexachlorobutadiene	11.169	225	44410	4.675	ng/ul	90
34) Caprolactam	11.745	113	16991m	3.245	ng/ul	
35) 4-Chloro-3-methylphenol	12.092	107	74018	4.288	ng/ul	96
36) 2-Methylnaphthalene	12.480	142	176865	4.819	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.698	142	141098	3.816	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.845	216	95056	5.019	ng/ul	97
40)	Hexachlorocyclopentadiene	12.833	237	54981	5.381	ng/ul	99
41)	2,4,6-Trichlorophenol	13.080	196	51907	4.345	ng/ul	96
42)	2,4,5-Trichlorophenol	13.145	196	55064	4.188	ng/ul	98
43)	1,1'-Biphenyl	13.486	154	246167	4.929	ng/ul	99
44)	2-Chloronaphthalene	13.527	162	191884	4.872	ng/ul	99
45)	2-Nitroaniline	13.721	65	32474	3.653	ng/ul	95
47)	Dimethylphthalate	14.104	163	243126	4.892	ng/ul	99
48)	2,6-Dinitrotoluene	14.216	165	27679	3.520	ng/ul#	86
50)	Acenaphthylene	14.368	152	311682	4.903	ng/ul	99
51)	3-Nitroaniline	14.545	138	34418	3.487	ng/ul#	90
52)	Acenaphthene	14.710	153	213752	4.885	ng/ul	99
53)	2,4-Dinitrophenol	14.745	184	21897	4.898	ng/ul	98
55)	4-Nitrophenol	14.833	109	34983m	4.462	ng/ul	
56)	Dibenzofuran	15.045	168	303902	5.003	ng/ul	97
57)	2,4-Dinitrotoluene	14.998	165	45353	3.731	ng/ul	100
58)	2,3,4,6-Tetrachlorophenol	15.262	232	49402	4.316	ng/ul	98
59)	Diethylphthalate	15.462	149	230164	4.680	ng/ul	99
61)	Fluorene	15.692	166	252117	4.950	ng/ul	98
62)	4-Chlorophenyl-phenyle...	15.686	204	121619	4.946	ng/ul	96
63)	4-Nitroaniline	15.698	138	38534m	3.775	ng/ul	
66)	4,6-Dinitro-2-methylph...	15.757	198	29230	3.941	ng/ul#	84
67)	N-Nitrosodiphenylamine	15.898	169	196934	4.723	ng/ul	99
68)	4-Bromophenyl-phenylether	16.580	248	67218	4.737	ng/ul	99
69)	Hexachlorobenzene	16.692	284	85406	4.970	ng/ul	99
70)	Atrazine	16.845	200	45073	3.196	ng/ul	96
71)	Pentachlorophenol	17.033	266	40087m	3.836	ng/ul	
72)	Phenanthrene	17.433	178	394055	4.947	ng/ul	99
74)	Anthracene	17.521	178	381944	4.710	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.451	216	74443	3.832	ng/uL	99
76)	Pentachlorobenzene	14.963	250	72745	3.644	ng/uL	98
77)	Carbazole	17.786	167	341638	4.536	ng/ul	99
78)	Di-n-butylphthalate	18.362	149	320823	4.187	ng/ul	99
80)	Fluoranthene	19.439	202	423610	4.847	ng/ul	98
82)	Pyrene	19.803	202	491619	5.130	ng/ul	98
83)	Butylbenzylphthalate	20.703	149	94196	3.699	ng/ul	96
84)	3,3'-Dichlorobenzidine	21.480	252	95843	3.540	ng/ul	99
85)	Benzo(a)anthracene	21.550	228	453063	4.746	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.491	149	163644	3.865	ng/ul	97
87)	Chrysene	21.603	228	466070	4.992	ng/ul	99
89)	Di-n-octyl phthalate	22.439	149	252481	3.188	ng/ul	100
90)	Benzo(b)fluoranthene	23.268	252	448969	4.590	ng/ul	99
91)	Benzo(k)fluoranthene	23.315	252	490262	4.880	ng/ul	99
93)	Benzo(a)pyrene	23.909	252	446830	4.932	ng/ul	98
94)	Indeno(1,2,3-cd)pyrene	26.574	276	552276	4.611	ng/ul	98
95)	Dibenzo(a,h)anthracene	26.597	278	469677	4.648	ng/ul	99
96)	Benzo(g,h,i)perylene	27.362	276	462197	4.713	ng/ul	99

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

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