Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030824\
Data File : BM044559.D
Acq On : 08 Mar 2024 10:20
Operator : MA/JU
Sample : P1601-02
Misc : SFAM-MDL-WATER-02
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 08 10:50:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 05 23:05:11 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT1-2024-02

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay

03/08/2024
Supervised By :mohammad ahmed

03/09/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	270888	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.498	136	1212104	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.363	164	750701	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.115	188	1603788	20.000	ng/ul	0.00
79) Chrysene-d12	21.309	240	1435486	20.000	ng/ul	0.00
88) Perylene-d12	23.568	264	1453437	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	34755	4.352	ng/uL	-0.01
4) Pyridine-d5	3.669	84	501006	21.312	ng/ul	-0.01
7) Phenol-d5	6.887	99	573279	20.584	ng/ul	-0.02
9) Bis-(2-Chloroethyl)eth...	7.069	67	368209	21.404	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.251	132	432560	21.135	ng/ul	-0.02
15) 4-Methylphenol-d8	8.422	113	437379	19.997	ng/ul	-0.02
21) Nitrobenzene-d5	8.881	128	229653	22.500	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.592	143	245409	22.304	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.122	165	412088	22.006	ng/ul	-0.02
31) 4-Chloroaniline-d4	10.645	131	639188	20.552	ng/ul	-0.02
46) Dimethylphthalate-d6	13.786	166	1266059	21.500	ng/ul	0.00
49) Acenaphthylene-d8	14.057	160	1476624	21.925	ng/ul	0.00
54) 4-Nitrophenol-d4	14.569	143	244618	20.031	ng/ul	-0.01
60) Fluorene-d10	15.363	176	1120147	22.635	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.486	200	194646	18.697	ng/ul	0.00
73) Anthracene-d10	17.215	188	1602259	20.901	ng/ul	0.00
81) Pyrene-d10	19.515	212	1920547	21.814	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.427	264	1694551	22.182	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.310	88	9521	1.151	ng/uL#	84
5) Pyridine	3.693	79	96649	3.964	ng/ul#	69
6) Benzaldehyde	6.881	77	69830	5.756	ng/ul	98
8) Phenol	6.916	94	115471	4.062	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.157	93	95784	4.104	ng/ul	96
12) 2-Chlorophenol	7.281	128	87224	4.132	ng/ul	95
13) 2-Methylphenol	8.157	108	80673	3.740	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.245	45	140771	4.567	ng/ul	98
16) Acetophenone	8.545	105	144545	4.261	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.528	70	72800	4.154	ng/ul	97
18) 4-Methylphenol	8.481	108	91904	3.914	ng/ul	98
19) Hexachloroethane	8.781	117	36131	4.178	ng/ul	92
22) Nitrobenzene	8.922	77	110345	4.559	ng/ul	96
23) Isophorone	9.440	82	200262	4.055	ng/ul	98
25) 2-Nitrophenol	9.622	139	50133	4.179	ng/ul	96
26) 2,4-Dimethylphenol	9.681	107	68545	3.140	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.928	93	131887	4.247	ng/ul	100
29) 2,4-Dichlorophenol	10.151	162	83224	4.452	ng/ul	97
30) Naphthalene	10.551	128	303896	4.427	ng/ul	99
32) 4-Chloroaniline	10.669	127	123149	4.107	ng/ul	92
33) Hexachlorobutadiene	10.822	225	47965	4.577	ng/ul	92
34) Caprolactam	11.481	113	27949m	3.839	ng/ul	
35) 4-Chloro-3-methylphenol	11.792	107	86796	4.003	ng/ul	98
36) 2-Methylnaphthalene	12.169	142	200572	4.394	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.386	142	206658	4.589	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.533	216	97398	4.560	ng/ul	98
40) Hexachlorocyclopentadiene	12.504	237	52221	3.683	ng/ul	94
41) 2,4,6-Trichlorophenol	12.786	196	57782	3.859	ng/ul	98
42) 2,4,5-Trichlorophenol	12.857	196	64403	4.014	ng/ul	97
43) 1,1'-Biphenyl	13.192	154	263335	4.417	ng/ul	98
44) 2-Chloronaphthalene	13.233	162	201504	4.307	ng/ul	98
45) 2-Nitroaniline	13.451	65	54528	3.713	ng/ul	95
47) Dimethylphthalate	13.827	163	253627	4.233	ng/ul	99
48) 2,6-Dinitrotoluene	13.951	165	43459	3.631	ng/ul	96
50) Acenaphthylene	14.080	152	342546	4.364	ng/ul	100
51) 3-Nitroaniline	14.286	138	46287	3.580	ng/ul	99
52) Acenaphthene	14.427	153	225729	4.374	ng/ul	99
53) 2,4-Dinitrophenol	14.492	184	31831	4.158	ng/ul	95
55) 4-Nitrophenol	14.586	109	40122	4.689	ng/ul	97
56) Dibenzofuran	14.763	168	307540	4.480	ng/ul	99
57) 2,4-Dinitrotoluene	14.745	165	65565	3.795	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	14.992	232	52047	3.920	ng/ul	98
59) Diethylphthalate	15.204	149	250558	4.029	ng/ul	99
61) Fluorene	15.416	166	253475	4.515	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.416	204	119594	4.590	ng/ul	96
63) 4-Nitroaniline	15.451	138	49403m	3.998	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.504	198	49929	4.488	ng/ul#	93
67) N-Nitrosodiphenylamine	15.633	169	200242	4.146	ng/ul	100
68) 4-Bromophenyl-phenylether	16.316	248	69573	4.337	ng/ul	94
69) Hexachlorobenzene	16.410	284	83515	4.571	ng/ul	97
70) Atrazine	16.592	200	77670	4.921	ng/ul	100
71) Pentachlorophenol	16.763	266	54841	4.545	ng/ul	95
72) Phenanthrene	17.157	178	392913	4.319	ng/ul	99
74) Anthracene	17.251	178	374125	4.066	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.151	216	93679	4.373	ng/uL	97
76) Pentachlorobenzene	14.674	250	104094	5.026	ng/uL	98
77) Carbazole	17.527	167	349231	4.039	ng/ul	99
78) Di-n-butylphthalate	18.098	149	408449	3.512	ng/ul	99
80) Fluoranthene	19.180	202	437961	4.177	ng/ul	97
82) Pyrene	19.545	202	472510	4.329	ng/ul	96
83) Butylbenzylphthalate	20.462	149	163114	3.039	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.239	252	138468	4.459	ng/ul	98
85) Benzo(a)anthracene	21.298	228	443794	4.117	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.239	149	252406	3.225	ng/ul	99
87) Chrysene	21.345	228	412922	4.137	ng/ul	99
89) Di-n-octyl phthalate	22.133	149	421440	3.240	ng/ul	100
90) Benzo(b)fluoranthene	22.886	252	409898	4.215	ng/ul	100
91) Benzo(k)fluoranthene	22.933	252	412414	4.330	ng/ul	98
93) Benzo(a)pyrene	23.468	252	379777	4.174	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.838	276	399299	3.913	ng/ul	97
95) Dibenzo(a,h)anthracene	25.862	278	331955	3.902	ng/ul	98
96) Benzo(g,h,i)perylene	26.532	276	311532	3.826	ng/ul	96

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

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