

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101122\
 Data File : VU051374.D
 Acq On : 11 Oct 2022 16:03
 Operator : JC/MD
 Sample : N4519-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT4-2022-08

Quant Time: Oct 11 23:55:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 11 23:36:07 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa
 Patel

10/12/2022
 Supervised By :Mahesh
 Dadoda

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	192865	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	220646	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	85648	5.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.597	65	42813	2.752	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	55.000%
7) Chloroethane-d5	1.909	69	48465	3.626	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.600%
11) 1,1-Dichloroethene-d2	2.565	65	20890	3.397	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.000%
20) 2-Butanone-d5	4.626	46	203577	59.435	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.860%
24) Chloroform-d	5.060	84	138096	4.761	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	5.700	65	75615	5.055	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	5.726	84	230689	3.801	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.000%
36) 1,2-Dichloropropane-d6	6.690	67	89788	4.356	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.200%
41) Toluene-d8	7.896	98	175905	3.239	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.800%#
43) trans-1,3-Dichloroprop...	8.179	79	27168	4.011	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.200%
46) 2-Hexanone-d5	8.632	63	111284	48.753	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.500%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	82678	5.021	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	70785	4.755	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.000%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	3697	0.235	ug/L	94
3) Chloromethane	1.520	50	6070	0.275	ug/L	96
5) Vinyl chloride	1.600	62	4935	0.228	ug/L	89
6) Bromomethane	1.854	94	2606	0.221	ug/L	99
8) Chloroethane	1.932	64	3454	0.250	ug/L	95
9) Trichlorofluoromethane	2.134	101	5543	0.222	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	4179	0.279	ug/L	94
12) 1,1-Dichloroethene	2.575	96	3854	0.274	ug/L #	1
13) Acetone	2.642	43	6930	2.698	ug/L	99
14) Carbon disulfide	2.790	76	10408	0.242	ug/L #	95
15) Methyl Acetate	2.957	43	1789	0.286	ug/L #	76
16) Methylene chloride	3.041	84	18808	0.906	ug/L	97
17) Methyl tert-butyl Ether	3.366	73	7044	0.219	ug/L	93
18) trans-1,2-Dichloroethene	3.353	96	3435	0.232	ug/L	96
19) 1,1-Dichloroethane	3.864	63	7234	0.237	ug/L	90
21) 2-Butanone	4.719	43	10670m	2.635	ug/L	
22) cis-1,2-Dichloroethene	4.668	96	3853	0.235	ug/L	92
23) Bromochloromethane	4.973	128	1840	0.235	ug/L	86
27) 1,2-Dichloroethane	5.800	62	4880	0.255	ug/L #	83

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	5.311	97	6082	0.230	ug/L	92
30) Cyclohexane	5.388	56	3871	0.173	ug/L	99
31) Carbon tetrachloride	5.523	117	4750	0.212	ug/L	97
33) Benzene	5.774	78	15624	0.212	ug/L	100
34) Trichloroethene	6.539	95	4143	0.225	ug/L	94
35) Methylcyclohexane	6.761	83	4017	0.173	ug/L	96
37) 1,2-Dichloropropane	6.793	63	4438	0.220	ug/L #	96
38) Bromodichloromethane	7.105	83	5604	0.233	ug/L	89
39) cis-1,3-Dichloropropene	7.607	75	5059	0.208	ug/L	96
40) 4-Methyl-2-pentanone	7.793	43	16843	1.590	ug/L #	85
44) trans-1,3-Dichloropropene	8.208	75	4110	0.196	ug/L	86
45) 1,1,2-Trichloroethane	8.401	97	3250	0.229	ug/L	94
48) 2-Hexanone	8.684	43	32151	4.077	ug/L	92
49) Dibromochloromethane	8.809	129	3651	0.229	ug/L	96
50) 1,2-Dibromoethane	8.922	107	3130	0.248	ug/L #	98
51) Chlorobenzene	9.446	112	10557	0.226	ug/L	97
52) Ethylbenzene	9.571	91	13123	0.187	ug/L	99
53) m,p-Xylene	9.690	106	4516	0.166	ug/L	99
54) o-Xylene	10.102	106	4186	0.162	ug/L	97
55) Styrene	10.118	104	6477	0.146	ug/L	91
57) 1,1,2,2-Tetrachloroethane	10.783	83	4616	0.263	ug/L #	88
59) Bromoform	10.291	173	1762	0.247	ug/L #	93
60) Isopropylbenzene	10.484	105	10499	0.194	ug/L	98
61) 1,2,3-Trichloropropane	10.819	75	2820	0.261	ug/L #	93
62) 1,3,5-Trimethylbenzene	11.086	105	2971	0.206	ug/L	88
63) 1,2,4-Trimethylbenzene	11.468	105	7388	0.182	ug/L	96
64) 1,3-Dichlorobenzene	11.745	146	6481	0.242	ug/L	92
65) 1,4-Dichlorobenzene	11.832	146	6255	0.236	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	6707	0.257	ug/L	91
68) 1,2-Dibromo-3-chloropr...	13.002	75	544	0.263	ug/L #	80
69) 1,3,5-Trichlorobenzene	13.221	180	4623	0.250	ug/L #	94
70) 1,2,4-trichlorobenzene	13.844	180	3431	0.261	ug/L #	86
71) Naphthalene	14.095	128	4640	0.190	ug/L	96
72) 1,2,3-Trichlorobenzene	14.327	180	2834	0.208	ug/L	97

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

