

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111523\
 Data File : VU056371.D
 Acq On : 15 Nov 2023 22:06
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005157

Quant Time: Nov 16 04:43:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 16 04:37:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	312909	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	302575	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	160119	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	86235	3.685	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.600%
7) Chloroethane-d5	1.908	69	73191	4.079	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.600%
11) 1,1-Dichloroethene-d2	2.563	65	38679	3.745	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.800%
20) 2-Butanone-d5	4.618	46	209113	44.808	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.620%
24) Chloroform-d	5.055	84	193212	4.268	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
26) 1,2-Dichloroethane-d4	5.695	65	92168	4.406	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
32) Benzene-d6	5.721	84	370647	4.111	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
36) 1,2-Dichloropropane-d6	6.685	67	117663	4.331	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.600%
41) Toluene-d8	7.894	98	330763	4.155	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.000%
43) trans-1,3-Dichloroprop...	8.174	79	44027	4.225	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.600%
46) 2-Hexanone-d5	8.628	63	189636	46.310	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.620%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	86188	4.439	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	120010	4.057	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	117548	4.741	ug/L	98
3) Chloromethane	1.515	50	106603	4.208	ug/L	100
5) Vinyl chloride	1.602	62	111053	4.549	ug/L	98
6) Bromomethane	1.853	94	61691	4.993	ug/L	98
8) Chloroethane	1.930	64	69636	4.670	ug/L	96
9) Trichlorofluoromethane	2.133	101	174816	4.970	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	98984	4.740	ug/L	98
12) 1,1-Dichloroethene	2.576	96	91199	4.761	ug/L	90
13) Acetone	2.631	43	146104	36.757	ug/L	97
14) Carbon disulfide	2.789	76	277342	4.449	ug/L	98
15) Methyl Acetate	2.949	43	32987	4.663	ug/L	97
16) Methylene chloride	3.039	84	104692	4.130	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	222641	4.784	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	93333	4.736	ug/L	100
19) 1,1-Dichloroethane	3.862	63	183810	4.708	ug/L	98
21) 2-Butanone	4.702	43	220924	42.834	ug/L	97
22) cis-1,2-Dichloroethene	4.657	96	107239	4.798	ug/L	94
23) Bromochloromethane	4.965	128	43382	4.716	ug/L	97
25) Chloroform	5.081	83	197019	4.658	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	115133	4.794	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	169857	4.891	ug/L	99
30) Cyclohexane	5.383	56	151770	4.604	ug/L	100
31) Carbon tetrachloride	5.518	117	148642	4.983	ug/L	98
33) Benzene	5.769	78	414534	4.802	ug/L	100
34) Trichloroethene	6.538	95	114765	4.879	ug/L	97
35) Methylcyclohexane	6.759	83	166230	4.895	ug/L	99
37) 1,2-Dichloropropane	6.785	63	110208	4.895	ug/L	100
38) Bromodichloromethane	7.100	83	143614	4.941	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	163537	4.943	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	541897	48.554	ug/L	99
42) Toluene	7.965	91	442603	4.952	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	126619	4.801	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	75085	5.008	ug/L	92
47) Tetrachloroethene	8.547	164	77586	4.891	ug/L	97
48) 2-Hexanone	8.679	43	396050	45.551	ug/L	100
49) Dibromochloromethane	8.804	129	82238	4.823	ug/L	96
50) 1,2-Dibromoethane	8.917	107	68939	4.870	ug/L	96
51) Chlorobenzene	9.441	112	273644	4.765	ug/L	98
52) Ethylbenzene	9.566	91	486734	4.904	ug/L	99
53) m,p-Xylene	9.689	106	182959	5.014	ug/L	97
54) o-Xylene	10.097	106	175491	4.951	ug/L	97
55) Styrene	10.110	104	302886	5.137	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	91051	4.973	ug/L	99
59) Bromoform	10.287	173	47657	4.778	ug/L	99
60) Isopropylbenzene	10.480	105	484737	4.694	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	62888	4.577	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	393517	4.641	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	391551	4.679	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	227915	4.852	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	226559	4.808	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	206490	4.792	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	13653	4.653	ug/L	96
69) 1,3,5-Trichlorobenzene	13.213	180	171543	4.851	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	138474	4.807	ug/L	99
71) Naphthalene	14.081	128	207361	4.765	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	112203	4.729	ug/L	98

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

