

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112024\
 Data File : VU061863.D
 Acq On : 20 Nov 2024 13:00
 Operator : MD/SY
 Sample : VSTD02054
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020054

Quant Time: Nov 21 00:33:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 00:29:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	181270	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	201399	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	87762	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	178501	14.800	ug/L	0.00
7) Chloroethane-d5	1.898	69	158193	16.994	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.557	65	74799	14.100	ug/L	0.00
20) 2-Butanone-d5	4.605	46	613985	202.957	ug/L	0.00
24) Chloroform-d	5.049	84	450843	20.021	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.689	65	224774	19.060	ug/L	0.00
32) Benzene-d6	5.714	84	757173	14.902	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.679	67	262715	15.579	ug/L	0.00
41) Toluene-d8	7.888	98	652112	13.924	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.168	79	106471	15.071	ug/L	0.00
46) 2-Hexanone-d5	8.621	63	468330	160.026	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	246634	18.420	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.183	152	274804	20.513	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	321565	31.841	ug/L	99
3) Chloromethane	1.518	50	317283	23.798	ug/L	99
5) Vinyl chloride	1.599	62	336274	24.971	ug/L	100
6) Bromomethane	1.837	94	201314	27.267	ug/L	98
8) Chloroethane	1.920	64	202532	24.821	ug/L	98
9) Trichlorofluoromethane	2.129	101	428975	24.938	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	264852	23.654	ug/L	99
12) 1,1-Dichloroethene	2.570	96	246936	22.970	ug/L	99
13) Acetone	2.615	43	375247	191.217	ug/L	97
14) Carbon disulfide	2.782	76	799280	22.369	ug/L	99
15) Methyl Acetate	2.936	43	102076	21.148	ug/L	98
16) Methylene chloride	3.033	84	279308	22.748	ug/L	98
17) Methyl tert-butyl Ether	3.351	73	656856	22.011	ug/L	99
18) trans-1,2-Dichloroethene	3.341	96	266834	22.912	ug/L	95
19) 1,1-Dichloroethane	3.853	63	505773	22.382	ug/L	99
21) 2-Butanone	4.685	43	661377	207.279	ug/L	99
22) cis-1,2-Dichloroethene	4.653	96	302341	23.305	ug/L	99
23) Bromochloromethane	4.962	128	127334	23.856	ug/L	97
25) Chloroform	5.074	83	532880	23.201	ug/L	100
27) 1,2-Dichloroethane	5.779	62	346933	23.191	ug/L	97
29) 1,1,1-Trichloroethane	5.303	97	457371	19.375	ug/L	99
30) Cyclohexane	5.377	56	489331	18.888	ug/L	97
31) Carbon tetrachloride	5.512	117	393807	19.770	ug/L	99
33) Benzene	5.762	78	1161089	19.327	ug/L	100
34) Trichloroethene	6.531	95	312573	19.152	ug/L	99
35) Methylcyclohexane	6.753	83	505272	19.483	ug/L	99
37) 1,2-Dichloropropane	6.778	63	305342	19.390	ug/L	98
38) Bromodichloromethane	7.094	83	382437	19.417	ug/L	99
39) cis-1,3-Dichloropropene	7.595	75	462560	19.135	ug/L	100
40) 4-Methyl-2-pentanone	7.778	43	1705400	175.334	ug/L	99
42) Toluene	7.958	91	1263615	19.652	ug/L	98
44) trans-1,3-Dichloropropene	8.200	75	378966	19.069	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.389	97	217144	20.226	ug/L	100
47) Tetrachloroethene	8.544	164	219683	20.410	ug/L	97
48) 2-Hexanone	8.672	43	1235331	183.053	ug/L	99
49) Dibromochloromethane	8.801	129	242192	20.072	ug/L	95
50) 1,2-Dibromoethane	8.913	107	240805	24.030	ug/L	99
51) Chlorobenzene	9.438	112	894110	22.875	ug/L	100
52) Ethylbenzene	9.560	91	1666443	23.188	ug/L	99
53) m,p-Xylene	9.685	106	528015	20.018	ug/L	99
54) o-Xylene	10.090	106	586752	22.752	ug/L	100
55) Styrene	10.103	104	1020000	24.385	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.772	83	272639	19.641	ug/L	99
59) Bromoform	10.280	173	154619	25.723	ug/L	99
60) Isopropylbenzene	10.476	105	1404953	23.383	ug/L	99
61) 1,2,3-Trichloropropane	10.810	75	188174	21.454	ug/L	98
62) 1,3,5-Trimethylbenzene	11.077	105	1181383	22.659	ug/L	99
63) 1,2,4-Trimethylbenzene	11.457	105	1167720	22.706	ug/L	100
64) 1,3-Dichlorobenzene	11.736	146	601305	23.359	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	588087	23.117	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	555152	24.276	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.984	75	41377	23.236	ug/L	99
69) 1,3,5-Trichlorobenzene	13.209	180	420014	24.540	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	343561	26.152	ug/L	98
71) Naphthalene	14.077	128	592158	28.135	ug/L	99
72) 1,2,3-Trichlorobenzene	14.318	180	287898	26.262	ug/L	99

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

