

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020325\
 Data File : VU063111.D
 Acq On : 03 Feb 2025 10:49
 Operator : MD/SY
 Sample : VSTD00576
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005076

Quant Time: Feb 04 07:29:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020325WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 04 07:26:50 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.235	114	100640	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.405	117	93760	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	45393	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	35185	8.428	ug/L	0.00
7) Chloroethane-d5	1.901	69	28867	8.738	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.554	65	15239	6.567	ug/L	0.00
20) 2-Butanone-d5	4.605	46	84862	70.747	ug/L	0.00
24) Chloroform-d	5.049	84	70859	4.917	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.689	65	32618	4.125	ug/L	0.00
32) Benzene-d6	5.714	84	138162	6.033	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.676	67	46719	7.366	ug/L	0.00
41) Toluene-d8	7.885	98	127028	5.757	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.171	79	17208	5.039	ug/L	0.00
46) 2-Hexanone-d5	8.618	63	73342	75.094	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.743	84	37733	6.612	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.183	152	42250	5.164	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	31927	3.868	ug/L	100
3) Chloromethane	1.515	50	39584	8.071	ug/L	100
5) Vinyl chloride	1.599	62	41833	7.737	ug/L	100
6) Bromomethane	1.843	94	22580	8.241	ug/L	100
8) Chloroethane	1.923	64	23674	8.323	ug/L	100
9) Trichlorofluoromethane	2.129	101	54116	4.585	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	34874	5.681	ug/L	100
12) 1,1-Dichloroethene	2.570	96	32603	5.972	ug/L	100
13) Acetone	2.611	43	46007	63.617	ug/L	100
14) Carbon disulfide	2.782	76	94329	6.518	ug/L	100
15) Methyl Acetate	2.943	43	12685	8.189	ug/L	100
16) Methylene chloride	3.029	84	37198	6.291	ug/L	100
17) Methyl tert-butyl Ether	3.348	73	85112	5.332	ug/L	100
18) trans-1,2-Dichloroethene	3.341	96	33678	5.790	ug/L	100
19) 1,1-Dichloroethane	3.853	63	66543	6.357	ug/L	100
21) 2-Butanone	4.685	43	78112	73.819	ug/L	100
22) cis-1,2-Dichloroethene	4.653	96	39982	5.691	ug/L	100
23) Bromochloromethane	4.959	128	17361	5.147	ug/L	100
25) Chloroform	5.071	83	69184	4.916	ug/L	100
27) 1,2-Dichloroethane	5.782	62	39368	4.159	ug/L	100
29) 1,1,1-Trichloroethane	5.299	97	56600	4.092	ug/L	100
30) Cyclohexane	5.373	56	51382	6.786	ug/L	100
31) Carbon tetrachloride	5.512	117	48535	3.730	ug/L	100
33) Benzene	5.759	78	150229	6.160	ug/L	100
34) Trichloroethene	6.531	95	38568	4.926	ug/L	100
35) Methylcyclohexane	6.750	83	55330	5.483	ug/L	100
37) 1,2-Dichloropropane	6.779	63	40626	7.025	ug/L	100
38) Bromodichloromethane	7.094	83	50376	4.920	ug/L	100
39) cis-1,3-Dichloropropene	7.595	75	59369	5.872	ug/L	100
40) 4-Methyl-2-pentanone	7.775	43	203274	71.955	ug/L	100
42) Toluene	7.959	91	163244	5.796	ug/L	100
44) trans-1,3-Dichloropropene	8.200	75	49245	5.453	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.386	97	30187	5.922	ug/L	100
47) Tetrachloroethene	8.541	164	27664	4.331	ug/L	100
48) 2-Hexanone	8.669	43	143323	72.653	ug/L	100
49) Dibromochloromethane	8.798	129	33146	4.560	ug/L	100
50) 1,2-Dibromoethane	8.913	107	28050	5.610	ug/L	100
51) Chlorobenzene	9.434	112	101092	5.314	ug/L	100
52) Ethylbenzene	9.560	91	172088	5.354	ug/L	100
53) m,p-Xylene	9.682	106	64110	5.248	ug/L	100
54) o-Xylene	10.090	106	63642	5.610	ug/L	100
55) Styrene	10.103	104	106959	5.582	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.769	83	38205	6.487	ug/L	100
59) Bromoform	10.280	173	20331	4.813	ug/L	100
60) Isopropylbenzene	10.473	105	169591	5.698	ug/L	100
61) 1,2,3-Trichloropropane	10.811	75	24734	6.229	ug/L	100
62) 1,3,5-Trimethylbenzene	11.077	105	136027	5.324	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	132206	5.481	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	76361	5.205	ug/L	100
65) 1,4-Dichlorobenzene	11.827	146	74464	5.078	ug/L	100
67) 1,2-Dichlorobenzene	12.203	146	72357	5.220	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.984	75	5574	5.633	ug/L	100
69) 1,3,5-Trichlorobenzene	13.209	180	52505	4.620	ug/L	100
70) 1,2,4-trichlorobenzene	13.830	180	41445	4.623	ug/L	100
71) Naphthalene	14.080	128	60323	5.033	ug/L	100
72) 1,2,3-Trichlorobenzene	14.318	180	36256	4.664	ug/L	100

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

