

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012725\
 Data File : VU063012.D
 Acq On : 27 Jan 2025 12:48
 Operator : MD/SY
 Sample : VSTD02072
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020072

Quant Time: Jan 28 13:52:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 28 13:50:07 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	109924	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.406	117	106192	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	61536	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	68401	11.814	ug/L	0.00
7) Chloroethane-d5	1.895	69	61640	13.569	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.554	65	46757	15.472	ug/L	0.00
20) 2-Butanone-d5	4.599	46	255235	212.544	ug/L	0.00
24) Chloroform-d	5.046	84	329079	22.075	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.685	65	188381	22.929	ug/L	0.00
32) Benzene-d6	5.711	84	516431	20.646	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.676	67	138529	20.494	ug/L	0.00
41) Toluene-d8	7.888	98	504419	20.401	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.168	79	83470	23.432	ug/L	0.00
46) 2-Hexanone-d5	8.618	63	237718	221.224	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.743	84	133563	22.573	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.184	152	225333	21.912	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.377	85	178959	16.933	ug/L	100
3) Chloromethane	1.515	50	73458	10.851	ug/L	100
5) Vinyl chloride	1.599	62	89539	11.886	ug/L	97
6) Bromomethane	1.834	94	55648	10.854	ug/L	98
8) Chloroethane	1.917	64	54266	12.356	ug/L	98
9) Trichlorofluoromethane	2.126	101	262711	16.839	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.567	101	129876	17.250	ug/L	91
12) 1,1-Dichloroethene	2.567	96	109207	16.581	ug/L	93
13) Acetone	2.608	43	143285	147.945	ug/L	93
14) Carbon disulfide	2.779	76	278158	13.640	ug/L	98
15) Methyl Acetate	2.933	43	29405	14.778	ug/L	91
16) Methylene chloride	3.030	84	112907	15.711	ug/L	94
17) Methyl tert-butyl Ether	3.345	73	335754	18.120	ug/L	96
18) trans-1,2-Dichloroethene	3.338	96	118199	16.784	ug/L	92
19) 1,1-Dichloroethane	3.850	63	204912	16.431	ug/L	95
21) 2-Butanone	4.679	43	218984	173.755	ug/L	92
22) cis-1,2-Dichloroethene	4.650	96	148148	19.162	ug/L	96
23) Bromochloromethane	4.956	128	75701	20.155	ug/L	# 87
25) Chloroform	5.071	83	319161	20.032	ug/L	100
27) 1,2-Dichloroethane	5.779	62	224710	21.221	ug/L	100
29) 1,1,1-Trichloroethane	5.300	97	316264	19.436	ug/L	98
30) Cyclohexane	5.374	56	165674	17.013	ug/L	86
31) Carbon tetrachloride	5.509	117	317141	20.888	ug/L	97
33) Benzene	5.759	78	553518	18.905	ug/L	100
34) Trichloroethene	6.528	95	174839	17.307	ug/L	98
35) Methylcyclohexane	6.750	83	236931	19.265	ug/L	96
37) 1,2-Dichloropropane	6.775	63	124964	18.317	ug/L	98
38) Bromodichloromethane	7.091	83	240443	20.806	ug/L	98
39) cis-1,3-Dichloropropene	7.595	75	231097	19.461	ug/L	98
40) 4-Methyl-2-pentanone	7.775	43	613923	191.199	ug/L	97
42) Toluene	7.959	91	651470	19.996	ug/L	100
44) trans-1,3-Dichloropropene	8.197	75	229021	21.977	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.386	97	114308	19.837	ug/L	93
47) Tetrachloroethene	8.544	164	147393	20.029	ug/L	95
48) 2-Hexanone	8.669	43	469817	203.581	ug/L	98
49) Dibromochloromethane	8.798	129	171705	21.291	ug/L	96
50) 1,2-Dibromoethane	8.910	107	116690	20.959	ug/L	98
51) Chlorobenzene	9.435	112	439684	20.243	ug/L	99
52) Ethylbenzene	9.560	91	739547	19.861	ug/L	98
53) m,p-Xylene	9.682	106	282939	20.096	ug/L	98
54) o-Xylene	10.090	106	267726	19.927	ug/L	98
55) Styrene	10.103	104	469044	20.903	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.769	83	130810	20.377	ug/L #	92
59) Bromoform	10.280	173	115162	20.830	ug/L	99
60) Isopropylbenzene	10.473	105	834903	20.136	ug/L	99
61) 1,2,3-Trichloropropane	10.811	75	97649	18.428	ug/L	96
62) 1,3,5-Trimethylbenzene	11.078	105	737715	20.800	ug/L	99
63) 1,2,4-Trimethylbenzene	11.457	105	730103	21.224	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	403252	20.503	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	397205	19.928	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	371066	20.095	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.984	75	29428	20.988	ug/L	86
69) 1,3,5-Trichlorobenzene	13.209	180	321404	21.388	ug/L	98
70) 1,2,4-trichlorobenzene	13.830	180	265611	22.105	ug/L	99
71) Naphthalene	14.077	128	378619	22.231	ug/L	99
72) 1,2,3-Trichlorobenzene	14.319	180	223991	21.292	ug/L	96

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

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