

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012725\
 Data File : VU063013.D
 Acq On : 27 Jan 2025 13:18
 Operator : MD/SY
 Sample : VSTDICV005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV073

Quant Time: Jan 29 07:23:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 28 14:07:15 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	113017	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.406	117	105387	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	56741	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	18861	4.642	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.800%
7) Chloroethane-d5	1.898	69	14000	4.539	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.800%
11) 1,1-Dichloroethene-d2	2.554	65	11813	4.862	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.200%
20) 2-Butanone-d5	4.605	46	63680	54.005	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.020%
24) Chloroform-d	5.046	84	75775	4.695	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	5.689	65	43599	4.733	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
32) Benzene-d6	5.714	84	117330	4.872	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
36) 1,2-Dichloropropane-d6	6.679	67	31214	5.090	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.800%
41) Toluene-d8	7.888	98	115006	4.830	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
43) trans-1,3-Dichloroprop...	8.171	79	18267	4.812	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.200%
46) 2-Hexanone-d5	8.621	63	51477	54.347	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.700%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	29028	4.985	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.800%
66) 1,2-Dichlorobenzene-d4	12.184	152	50047	4.927	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.377	85	45428	4.487	ug/L	98
3) Chloromethane	1.515	50	24527	5.037	ug/L	98
5) Vinyl chloride	1.599	62	25447	4.681	ug/L	98
6) Bromomethane	1.840	94	13063	5.022	ug/L	88
8) Chloroethane	1.920	64	12865	4.686	ug/L	96
9) Trichlorofluoromethane	2.126	101	62727	4.563	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.567	101	31938	4.722	ug/L	91
12) 1,1-Dichloroethene	2.567	96	26198	4.462	ug/L	96
13) Acetone	2.612	43	35379	46.402	ug/L	93
14) Carbon disulfide	2.782	76	80265	5.336	ug/L	100
15) Methyl Acetate	2.940	43	9120	6.228	ug/L	93
16) Methylene chloride	3.030	84	32576	5.263	ug/L	94
17) Methyl tert-butyl Ether	3.345	73	91628	5.210	ug/L	98
18) trans-1,2-Dichloroethene	3.338	96	31978	5.090	ug/L	96
19) 1,1-Dichloroethane	3.850	63	58275	5.351	ug/L	96
21) 2-Butanone	4.682	43	57760	55.544	ug/L	93
22) cis-1,2-Dichloroethene	4.653	96	37755	5.028	ug/L	94
23) Bromochloromethane	4.959	128	18863	5.006	ug/L #	93
25) Chloroform	5.071	83	75458	4.796	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.779	62	51719	4.689	ug/L	99
29) 1,1,1-Trichloroethane	5.300	97	79318	4.854	ug/L	97
30) Cyclohexane	5.374	56	40460	5.315	ug/L	89
31) Carbon tetrachloride	5.509	117	73734	4.687	ug/L	96
33) Benzene	5.759	78	129918	5.088	ug/L	100
34) Trichloroethene	6.531	95	39365	4.537	ug/L	96
35) Methylcyclohexane	6.750	83	53538	4.898	ug/L	95
37) 1,2-Dichloropropane	6.779	63	29346	5.110	ug/L	98
38) Bromodichloromethane	7.094	83	55063	4.785	ug/L	98
39) cis-1,3-Dichloropropene	7.595	75	55997	5.179	ug/L	98
40) 4-Methyl-2-pentanone	7.775	43	149535	53.979	ug/L	98
42) Toluene	7.959	91	149930	4.940	ug/L	99
44) trans-1,3-Dichloropropene	8.200	75	50892	5.110	ug/L	99
45) 1,1,2-Trichloroethane	8.390	97	25996	4.810	ug/L	95
47) Tetrachloroethene	8.544	164	35068	4.647	ug/L	93
48) 2-Hexanone	8.669	43	107903	56.157	ug/L	97
49) Dibromochloromethane	8.798	129	38834	4.605	ug/L	93
50) 1,2-Dibromoethane	8.914	107	27136	4.970	ug/L #	97
51) Chlorobenzene	9.438	112	103492	4.918	ug/L	96
52) Ethylbenzene	9.560	91	174610	4.937	ug/L	98
53) m,p-Xylene	9.685	106	64324	4.710	ug/L	99
54) o-Xylene	10.091	106	64946	5.190	ug/L	100
55) Styrene	10.103	104	109774	5.189	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.772	83	30302	5.012	ug/L #	96
59) Bromoform	10.280	173	25344	4.701	ug/L #	99
60) Isopropylbenzene	10.473	105	187244	5.208	ug/L	100
61) 1,2,3-Trichloropropane	10.811	75	24196	5.299	ug/L	98
62) 1,3,5-Trimethylbenzene	11.078	105	163263	5.179	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	150591	5.051	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	90683	4.968	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	89887	4.909	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	85753	4.993	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.987	75	6889	5.705	ug/L #	79
69) 1,3,5-Trichlorobenzene	13.209	180	72340	4.960	ug/L	98
70) 1,2,4-trichlorobenzene	13.830	180	59399	5.205	ug/L	98
71) Naphthalene	14.081	128	95650	6.531	ug/L	99
72) 1,2,3-Trichlorobenzene	14.319	180	54300	5.506	ug/L	95

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

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