

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102924\
 Data File : VU061272.D
 Acq On : 28 Oct 2024 18:19
 Operator : MD/SY
 Sample : VSTD05005
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050005

Quant Time: Oct 29 01:50:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102824WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 29 01:48:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	252181	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	233863	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	115102	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	89103	54.475	ug/L	0.00
7) Chloroethane-d5	1.901	69	75995	55.004	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	63	162250	55.176	ug/L	0.00
21) 2-Butanone-d5	4.608	46	151408	127.145	ug/L	0.00
24) Chloroform-d	5.052	84	187046	57.950	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	119828	61.316	ug/L	0.00
32) Benzene-d6	5.718	84	378031	60.596	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.679	67	115037	59.657	ug/L	0.00
41) Toluene-d8	7.888	98	356766	60.307	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.171	79	58535	63.718	ug/L	0.00
47) 2-Hexanone-d5	8.621	63	119348	139.820	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	181205	60.692	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.184	152	127692	58.186	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	91393	56.220	ug/L	100
3) Chloromethane	1.515	50	84658	53.644	ug/L	100
5) Vinyl chloride	1.599	62	93709	51.205	ug/L	100
6) Bromomethane	1.843	94	68176	65.571	ug/L	100
8) Chloroethane	1.924	64	59070	49.888	ug/L	100
9) Trichlorofluoromethane	2.129	101	130532	51.222	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	75306	47.307	ug/L	100
12) 1,1-Dichloroethene	2.573	96	72484	48.304	ug/L	100
13) Acetone	2.618	43	113254	97.513	ug/L	100
14) Carbon disulfide	2.785	76	217527	55.340	ug/L	100
15) Methyl Acetate	2.940	43	88736	50.106	ug/L	100
16) Methylene chloride	3.036	84	86233	45.834	ug/L	100
17) trans-1,2-Dichloroethene	3.345	96	77520	49.892	ug/L	100
18) Methyl tert-butyl Ether	3.351	73	266847	52.283	ug/L	100
19) 1,1-Dichloroethane	3.856	63	150264	50.895	ug/L	100
20) cis-1,2-Dichloroethene	4.657	96	92922	49.479	ug/L	100
22) 2-Butanone	4.689	43	147085	101.243	ug/L	100
23) Bromochloromethane	4.965	128	48439	49.067	ug/L	100
25) Chloroform	5.075	83	161012	50.640	ug/L	100
27) 1,2-Dichloroethane	5.782	62	127018	52.142	ug/L	100
29) Cyclohexane	5.377	56	133997	60.031	ug/L	100
30) 1,1,1-Trichloroethane	5.303	97	136761	54.457	ug/L	100
31) Carbon tetrachloride	5.515	117	117065	56.044	ug/L	100
33) Benzene	5.763	78	351624	54.113	ug/L	100
34) Trichloroethene	6.534	95	91989	53.050	ug/L	100
35) Methylcyclohexane	6.753	83	143491	58.478	ug/L	100
37) 1,2-Dichloropropane	6.779	63	91993	52.011	ug/L	100
38) Bromodichloromethane	7.097	83	119977	53.227	ug/L	100
39) cis-1,3-Dichloropropene	7.599	75	148796	54.346	ug/L	100
40) 4-Methyl-2-pentanone	7.779	43	259794	113.423	ug/L	100
42) Toluene	7.959	91	380710	53.872	ug/L	100
44) trans-1,3-Dichloropropene	8.200	75	139964	55.227	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.390	97	93477	50.671	ug/L	100
46) Tetrachloroethene	8.544	164	64454	46.541	ug/L	100
48) 2-Hexanone	8.672	43	214842	112.360	ug/L	100
49) Dibromochloromethane	8.801	129	94031	51.508	ug/L	100
50) 1,2-Dibromoethane	8.914	107	102411	52.551	ug/L	100
51) Chlorobenzene	9.438	112	241427	51.666	ug/L	100
52) Ethylbenzene	9.563	91	415325	54.700	ug/L	100
53) m,p-Xylene	9.685	106	158808	53.936	ug/L	100
54) o-Xylene	10.090	106	158336	55.654	ug/L	100
55) Styrene	10.107	104	259956	54.740	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	164665	52.521	ug/L	100
59) Bromoform	10.280	173	69750	49.724	ug/L	100
60) 1,2,3-Trichloropropane	10.811	75	126567	55.490	ug/L	100
61) Isopropylbenzene	10.476	105	406605	58.145	ug/L	100
62) 1,3,5-Trimethylbenzene	11.081	105	328299	62.433	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	326383	59.293	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	176030	50.095	ug/L	100
65) 1,4-Dichlorobenzene	11.827	146	179200	49.318	ug/L	100
67) 1,2-Dichlorobenzene	12.203	146	180372	50.656	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.987	75	36138	57.614	ug/L	100
69) 1,3,5-Trichlorobenzene	13.209	180	120954	48.063	ug/L	100
70) 1,2,4-trichlorobenzene	13.830	180	107378	47.447	ug/L	100
71) Naphthalene	14.077	128	337034	50.977	ug/L	100
72) 1,2,3-Trichlorobenzene	14.319	180	102157	45.628	ug/L	100

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

