

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070224\
 Data File : VU059727.D
 Acq On : 02 Jul 2024 09:40
 Operator : MD/SY
 Sample : VSTD10080
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100080

Quant Time: Jul 03 01:23:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 03 01:21:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	327002	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	318643	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	175281	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	219239	110.231	ug/L	0.00
7) Chloroethane-d5	1.904	69	178931	104.723	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	63	381216	99.113	ug/L	0.00
21) 2-Butanone-d5	4.605	46	310601	175.968	ug/L	0.00
24) Chloroform-d	5.052	84	416009	105.547	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	249145	104.190	ug/L	0.00
32) Benzene-d6	5.718	84	854967	113.678	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	263783	104.133	ug/L	0.00
41) Toluene-d8	7.891	98	824383	125.696	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.171	79	127410	121.488	ug/L	0.00
47) 2-Hexanone-d5	8.624	63	245115	213.339	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	405007	95.947	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	329330	119.759	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	195555	64.612	ug/L	99
3) Chloromethane	1.518	50	190497	54.986	ug/L	96
5) Vinyl chloride	1.602	62	225703	65.371	ug/L	100
6) Bromomethane	1.846	94	126165	48.312	ug/L	98
8) Chloroethane	1.927	64	145444	66.521	ug/L	100
9) Trichlorofluoromethane	2.133	101	316508	76.570	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	205657	84.568	ug/L	99
12) 1,1-Dichloroethene	2.573	96	187835	85.057	ug/L	95
13) Acetone	2.612	43	259753	128.272	ug/L	100
14) Carbon disulfide	2.785	76	465965	64.828	ug/L	99
15) Methyl Acetate	2.936	43	221624	69.478	ug/L	96
16) Methylene chloride	3.036	84	221087	74.283	ug/L	99
17) trans-1,2-Dichloroethene	3.345	96	195032	81.905	ug/L	99
18) Methyl tert-butyl Ether	3.351	73	639543	82.510	ug/L	99
19) 1,1-Dichloroethane	3.859	63	365382	72.830	ug/L	99
20) cis-1,2-Dichloroethene	4.657	96	235976	85.903	ug/L	98
22) 2-Butanone	4.685	43	347125	141.333	ug/L	98
23) Bromochloromethane	4.965	128	123446	88.110	ug/L	97
25) Chloroform	5.078	83	395336	80.228	ug/L	98
27) 1,2-Dichloroethane	5.785	62	293477	71.934	ug/L	99
29) Cyclohexane	5.380	56	297369	75.496	ug/L	98
30) 1,1,1-Trichloroethane	5.306	97	322165	81.596	ug/L	99
31) Carbon tetrachloride	5.515	117	267689	83.165	ug/L	100
33) Benzene	5.766	78	851437	78.316	ug/L	100
34) Trichloroethene	6.534	95	226157	84.142	ug/L	98
35) Methylcyclohexane	6.756	83	335403	85.954	ug/L	99
37) 1,2-Dichloropropane	6.782	63	231172	75.305	ug/L	98
38) Bromodichloromethane	7.097	83	298235	81.964	ug/L	99
39) cis-1,3-Dichloropropene	7.599	75	373398	86.604	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	618552	155.072	ug/L	99
42) Toluene	7.962	91	951273	86.269	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	340215	87.398	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.393	97	241670	85.526	ug/L	100
46) Tetrachloroethene	8.547	164	183855	98.733	ug/L	98
48) 2-Hexanone	8.676	43	507016	150.525	ug/L	99
49) Dibromochloromethane	8.801	129	245803	94.870	ug/L	98
50) 1,2-Dibromoethane	8.917	107	256084	87.433	ug/L	99
51) Chlorobenzene	9.441	112	613142	90.551	ug/L	99
52) Ethylbenzene	9.563	91	1039183	91.088	ug/L	99
53) m,p-Xylene	9.688	106	403716	95.546	ug/L	99
54) o-Xylene	10.094	106	397556	96.932	ug/L	100
55) Styrene	10.106	104	684786	98.357	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	413306	80.828	ug/L	99
59) Bromoform	10.283	173	206767	91.272	ug/L	100
60) 1,2,3-Trichloropropane	10.814	75	309863	67.801	ug/L	99
61) Isopropylbenzene	10.476	105	1048367	88.825	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	797439	93.244	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	873280	94.802	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	529783	94.060	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	535426	92.119	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	521538	89.400	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.987	75	90384	77.929	ug/L	99
69) 1,3,5-Trichlorobenzene	13.212	180	391350	104.118	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	363491	118.204	ug/L	100
71) Naphthalene	14.081	128	1116077	114.651	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	361026	115.821	ug/L	99

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

