

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010824\
 Data File : VU057379.D
 Acq On : 08 Jan 2024 12:46
 Operator : MD/SY
 Sample : VSTD10044
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100044

Quant Time: Jan 09 00:21:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010824WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 09 00:19:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	261637	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	258278	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	142127	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	182542	101.369	ug/L	0.00
7) Chloroethane-d5	1.914	69	140705	100.969	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	63	377515	98.908	ug/L	0.00
21) 2-Butanone-d5	4.634	46	192486	220.596	ug/L	0.00
24) Chloroform-d	5.055	84	427642	100.424	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	282877	100.555	ug/L	0.00
32) Benzene-d6	5.721	84	724791	104.542	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	200656	102.543	ug/L	0.00
41) Toluene-d8	7.891	98	695296	107.018	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	126214	108.062	ug/L	0.00
47) 2-Hexanone-d5	8.637	63	152888	239.005	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	300233	102.671	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	273494	98.386	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	293507	98.333	ug/L	100
3) Chloromethane	1.518	50	176531	94.253	ug/L	99
5) Vinyl chloride	1.605	62	197481	98.491	ug/L	100
6) Bromomethane	1.859	94	132826	100.087	ug/L	99
8) Chloroethane	1.936	64	115408	98.402	ug/L	93
9) Trichlorofluoromethane	2.136	101	406753	97.226	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	196563	97.833	ug/L	99
12) 1,1-Dichloroethene	2.573	96	172160	97.111	ug/L	94
13) Acetone	2.647	43	216915	201.604	ug/L	97
14) Carbon disulfide	2.788	76	538250	98.025	ug/L	100
15) Methyl Acetate	2.949	43	138505	99.916	ug/L	99
16) Methylene chloride	3.039	84	189763	94.144	ug/L	100
17) trans-1,2-Dichloroethene	3.348	96	183128	100.972	ug/L	100
18) Methyl tert-butyl Ether	3.354	73	606287	104.437	ug/L	99
19) 1,1-Dichloroethane	3.859	63	329400	98.105	ug/L	98
20) cis-1,2-Dichloroethene	4.660	96	201038	103.624	ug/L	99
22) 2-Butanone	4.711	43	225051	214.946	ug/L	99
23) Bromochloromethane	4.965	128	106623	95.741	ug/L	97
25) Chloroform	5.081	83	402141	98.688	ug/L	100
27) 1,2-Dichloroethane	5.785	62	342416	99.758	ug/L	100
29) Cyclohexane	5.383	56	266350	109.000	ug/L	99
30) 1,1,1-Trichloroethane	5.309	97	399099	100.433	ug/L	99
31) Carbon tetrachloride	5.518	117	356166	101.054	ug/L	99
33) Benzene	5.769	78	739255	101.849	ug/L	100
34) Trichloroethene	6.534	95	215285	101.592	ug/L	97
35) Methylcyclohexane	6.756	83	315056	109.276	ug/L	99
37) 1,2-Dichloropropane	6.782	63	177158	98.908	ug/L	99
38) Bromodichloromethane	7.097	83	304820	100.460	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	335321	106.911	ug/L	100
40) 4-Methyl-2-pentanone	7.795	43	406674	222.834	ug/L	99
42) Toluene	7.962	91	819455	104.992	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	335158	106.439	ug/L	99

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45) 1,1,2-Trichloroethane	8.393	97	197610	100.269	ug/L	99
46) Tetrachloroethene	8.547	164	163240	101.834	ug/L	98
48) 2-Hexanone	8.688	43	333063	222.579	ug/L	99
49) Dibromochloromethane	8.804	129	236891	98.632	ug/L	99
50) 1,2-Dibromoethane	8.917	107	217691	104.133	ug/L	99
51) Chlorobenzene	9.441	112	534829	101.983	ug/L	100
52) Ethylbenzene	9.566	91	950772	109.394	ug/L	100
53) m,p-Xylene	9.688	106	352490	108.495	ug/L	99
54) o-Xylene	10.094	106	343912	108.392	ug/L	98
55) Styrene	10.110	104	614541	114.379	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	304427	102.442	ug/L	97
59) Bromoform	10.286	173	194958	94.603	ug/L	100
60) 1,2,3-Trichloropropane	10.817	75	253844	94.292	ug/L	99
61) Isopropylbenzene	10.479	105	973452	104.585	ug/L	100
62) 1,3,5-Trimethylbenzene	11.084	105	854505	107.349	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	855401	109.468	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	442568	100.893	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	443015	98.387	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	434897	98.364	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	70729	98.393	ug/L	94
69) 1,3,5-Trichlorobenzene	13.212	180	318103	101.308	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	260003	108.761	ug/L	97
71) Naphthalene	14.081	128	664248	118.916	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	245707	108.683	ug/L	99

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

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