

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010824\
 Data File : VU057378.D
 Acq On : 08 Jan 2024 12:22
 Operator : MD/SY
 Sample : VSTD05043
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050043

Quant Time: Jan 09 00:21:21 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	264261	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	268977	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	134925	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	86970	47.817	ug/L	0.00
7) Chloroethane-d5	1.914	69	68906	48.956	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	63	189192	49.076	ug/L	0.00
21) 2-Butanone-d5	4.631	46	87867	99.699	ug/L	0.00
24) Chloroform-d	5.055	84	208586	48.496	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	140850	49.571	ug/L	0.00
32) Benzene-d6	5.721	84	353327	48.936	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	98359	48.266	ug/L	0.00
41) Toluene-d8	7.891	98	342308	50.591	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	60433	49.684	ug/L	0.00
47) 2-Hexanone-d5	8.647	63	68089	102.207	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	149492	49.088	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	126928	48.098	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	144335	47.876	ug/L	100
3) Chloromethane	1.518	50	88970	47.031	ug/L	100
5) Vinyl chloride	1.605	62	96606	47.702	ug/L	100
6) Bromomethane	1.856	94	61304	45.735	ug/L	100
8) Chloroethane	1.933	64	56332	47.554	ug/L	100
9) Trichlorofluoromethane	2.133	101	202533	47.930	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	96037	47.325	ug/L	100
12) 1,1-Dichloroethene	2.573	96	84837	47.379	ug/L	100
13) Acetone	2.650	43	101510	93.408	ug/L	100
14) Carbon disulfide	2.785	76	264705	47.729	ug/L	100
15) Methyl Acetate	2.949	43	67769	48.403	ug/L	100
16) Methylene chloride	3.039	84	96002	47.155	ug/L	100
17) trans-1,2-Dichloroethene	3.345	96	88286	48.195	ug/L	100
18) Methyl tert-butyl Ether	3.358	73	288960	49.281	ug/L	100
19) 1,1-Dichloroethane	3.859	63	164304	48.449	ug/L	100
20) cis-1,2-Dichloroethene	4.657	96	94630	48.292	ug/L	100
22) 2-Butanone	4.711	43	97870	92.547	ug/L	100
23) Bromochloromethane	4.965	128	53609	47.660	ug/L	100
25) Chloroform	5.081	83	197392	47.960	ug/L	100
27) 1,2-Dichloroethane	5.785	62	172076	49.634	ug/L	100
29) Cyclohexane	5.380	56	122566	48.163	ug/L	100
30) 1,1,1-Trichloroethane	5.309	97	195785	47.309	ug/L	100
31) Carbon tetrachloride	5.518	117	176584	48.109	ug/L	100
33) Benzene	5.766	78	365688	48.378	ug/L	100
34) Trichloroethene	6.534	95	102657	46.516	ug/L	100
35) Methylcyclohexane	6.756	83	147443	49.106	ug/L	100
37) 1,2-Dichloropropane	6.785	63	87872	47.108	ug/L	100
38) Bromodichloromethane	7.100	83	150747	47.706	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	158212	48.437	ug/L	100
40) 4-Methyl-2-pentanone	7.801	43	187157	98.472	ug/L	100
42) Toluene	7.965	91	402201	49.482	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	160491	48.941	ug/L	100

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45) 1,1,2-Trichloroethane	8.396	97	98220	47.855	ug/L	100
46) Tetrachloroethene	8.547	164	79339	47.525	ug/L	100
48) 2-Hexanone	8.695	43	150484	96.565	ug/L	100
49) Dibromochloromethane	8.804	129	118831	47.509	ug/L	100
50) 1,2-Dibromoethane	8.920	107	104898	48.182	ug/L	100
51) Chlorobenzene	9.444	112	264692	48.465	ug/L	100
52) Ethylbenzene	9.566	91	450495	49.772	ug/L	100
53) m,p-Xylene	9.692	106	169393	50.065	ug/L	100
54) o-Xylene	10.097	106	165424	50.064	ug/L	100
55) Styrene	10.113	104	286030	51.119	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.778	83	146265	47.262	ug/L	100
59) Bromoform	10.290	173	94330	48.217	ug/L	100
60) 1,2,3-Trichloropropane	10.820	75	123468	48.311	ug/L	100
61) Isopropylbenzene	10.479	105	458136	51.848	ug/L	100
62) 1,3,5-Trimethylbenzene	11.084	105	388795	51.450	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	390554	52.648	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	206666	49.629	ug/L	100
65) 1,4-Dichlorobenzene	11.833	146	204941	47.944	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	205212	48.892	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.991	75	31936	46.798	ug/L	100
69) 1,3,5-Trichlorobenzene	13.212	180	146009	48.982	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	112986	49.785	ug/L	100
71) Naphthalene	14.081	128	270576	51.025	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	108292	50.457	ug/L	100

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

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