

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011824\
 Data File : VU057559.D
 Acq On : 18 Jan 2024 15:04
 Operator : MD/SY
 Sample : VSTD05049
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050049

Quant Time: Jan 19 01:29:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM011824WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 19 01:28:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	566687	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	409359	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	197174	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	255900	44.969	ug/L	0.00
7) Chloroethane-d5	1.914	69	207493	47.184	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	63	470291	45.840	ug/L	0.00
21) 2-Butanone-d5	4.631	46	212944	86.327	ug/L	0.00
24) Chloroform-d	5.055	84	333417	38.140	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	222346	41.015	ug/L	0.00
32) Benzene-d6	5.721	84	693345	60.894	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	292962	69.492	ug/L	0.00
41) Toluene-d8	7.894	98	822394	70.465	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.177	79	135071	64.381	ug/L	0.00
47) 2-Hexanone-d5	8.640	63	133860	96.854	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	278272	50.515	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	212785	55.530	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	322667	43.621	ug/L	100
3) Chloromethane	1.518	50	313056	43.572	ug/L	100
5) Vinyl chloride	1.605	62	314570	46.409	ug/L	100
6) Bromomethane	1.859	94	143282	46.617	ug/L	100
8) Chloroethane	1.936	64	181153	47.169	ug/L	100
9) Trichlorofluoromethane	2.133	101	360952	43.500	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	250743	47.685	ug/L	100
12) 1,1-Dichloroethene	2.576	96	221161	47.125	ug/L	100
13) Acetone	2.641	43	322205	84.148	ug/L	100
14) Carbon disulfide	2.788	76	732262	44.373	ug/L	100
15) Methyl Acetate	2.949	43	228195	44.760	ug/L	100
16) Methylene chloride	3.042	84	260251	44.858	ug/L	100
17) trans-1,2-Dichloroethene	3.348	96	224474	45.556	ug/L	100
18) Methyl tert-butyl Ether	3.354	73	680661	44.899	ug/L	100
19) 1,1-Dichloroethane	3.859	63	372004	45.032	ug/L	100
20) cis-1,2-Dichloroethene	4.657	96	187960	44.980	ug/L	100
22) 2-Butanone	4.708	43	234337	73.323	ug/L	100
23) Bromochloromethane	4.968	128	89485	39.971	ug/L	100
25) Chloroform	5.081	83	333371	39.462	ug/L	100
27) 1,2-Dichloroethane	5.785	62	289909	42.656	ug/L	100
29) Cyclohexane	5.383	56	270950	62.256	ug/L	100
30) 1,1,1-Trichloroethane	5.309	97	284612	58.012	ug/L	100
31) Carbon tetrachloride	5.518	117	244504	61.426	ug/L	100
33) Benzene	5.766	78	767131	63.779	ug/L	100
34) Trichloroethene	6.537	95	254323	71.791	ug/L	100
35) Methylcyclohexane	6.759	83	396763	72.378	ug/L	100
37) 1,2-Dichloropropane	6.785	63	275827	70.100	ug/L	100
38) Bromodichloromethane	7.100	83	347359	69.350	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	395009	68.636	ug/L	100
40) 4-Methyl-2-pentanone	7.795	43	617958	139.536	ug/L	100
42) Toluene	7.965	91	1041524	69.196	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	381582	65.385	ug/L	100

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45) 1,1,2-Trichloroethane	8.393	97	202377	54.020	ug/L	100
46) Tetrachloroethene	8.547	164	132671	52.449	ug/L	100
48) 2-Hexanone	8.692	43	368189	94.422	ug/L	100
49) Dibromochloromethane	8.804	129	179522	47.944	ug/L	100
50) 1,2-Dibromoethane	8.920	107	183815	47.355	ug/L	100
51) Chlorobenzene	9.444	112	454476	51.557	ug/L	100
52) Ethylbenzene	9.566	91	807192	54.829	ug/L	100
53) m,p-Xylene	9.688	106	322595	59.571	ug/L	100
54) o-Xylene	10.097	106	303014	58.254	ug/L	100
55) Styrene	10.113	104	537941	61.768	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.778	83	287803	51.274	ug/L	100
59) Bromoform	10.290	173	132764	46.711	ug/L	100
60) 1,2,3-Trichloropropane	10.820	75	217959	44.429	ug/L	100
61) Isopropylbenzene	10.479	105	808717	52.839	ug/L	100
62) 1,3,5-Trimethylbenzene	11.084	105	587442	51.069	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	605755	51.889	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	332472	51.142	ug/L	100
65) 1,4-Dichlorobenzene	11.833	146	334023	50.389	ug/L	100
67) 1,2-Dichlorobenzene	12.209	146	354193	57.779	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.991	75	64551	63.558	ug/L	100
69) 1,3,5-Trichlorobenzene	13.216	180	297647	67.427	ug/L	100
70) 1,2,4-trichlorobenzene	13.836	180	223181	65.319	ug/L	100
71) Naphthalene	14.084	128	540046	66.366	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	209663	67.742	ug/L	100

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

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