

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070224\
 Data File : VU059726.D
 Acq On : 02 Jul 2024 09:11
 Operator : MD/SY
 Sample : VSTD05079
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050079

Quant Time: Jul 03 01:22:47 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	320812	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	317571	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	168234	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	108106	55.404	ug/L	0.00
7) Chloroethane-d5	1.908	69	90416	53.939	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	63	186039	49.302	ug/L	0.00
21) 2-Butanone-d5	4.608	46	150905	87.144	ug/L	0.00
24) Chloroform-d	5.052	84	208637	53.955	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	123851	52.793	ug/L	0.00
32) Benzene-d6	5.718	84	428466	57.162	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	130798	51.809	ug/L	0.00
41) Toluene-d8	7.891	98	409494	62.648	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	62050	59.366	ug/L	0.00
47) 2-Hexanone-d5	8.624	63	112866	98.566	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	198242	47.123	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	157602	59.712	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	97358	32.788	ug/L	100
3) Chloromethane	1.518	50	94574	27.825	ug/L	100
5) Vinyl chloride	1.602	62	110967	32.760	ug/L	100
6) Bromomethane	1.850	94	57454	22.425	ug/L	100
8) Chloroethane	1.930	64	72131	33.627	ug/L	100
9) Trichlorofluoromethane	2.133	101	154430	38.081	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	98017	41.083	ug/L	100
12) 1,1-Dichloroethene	2.573	96	90525	41.783	ug/L	100
13) Acetone	2.615	43	142356	71.655	ug/L	100
14) Carbon disulfide	2.788	76	226864	32.172	ug/L	100
15) Methyl Acetate	2.940	43	105260	33.635	ug/L	100
16) Methylene chloride	3.036	84	111002	38.015	ug/L	100
17) trans-1,2-Dichloroethene	3.345	96	94046	40.258	ug/L	100
18) Methyl tert-butyl Ether	3.351	73	306344	40.285	ug/L	100
19) 1,1-Dichloroethane	3.859	63	180727	36.719	ug/L	100
20) cis-1,2-Dichloroethene	4.657	96	113770	42.215	ug/L	100
22) 2-Butanone	4.689	43	169820	70.477	ug/L	100
23) Bromochloromethane	4.965	128	60347	43.904	ug/L	100
25) Chloroform	5.078	83	192806	39.883	ug/L	100
27) 1,2-Dichloroethane	5.785	62	145393	36.325	ug/L	100
29) Cyclohexane	5.380	56	135075	34.409	ug/L	100
30) 1,1,1-Trichloroethane	5.306	97	155633	39.551	ug/L	100
31) Carbon tetrachloride	5.515	117	129248	40.290	ug/L	100
33) Benzene	5.766	78	415456	38.343	ug/L	100
34) Trichloroethene	6.534	95	108371	40.456	ug/L	100
35) Methylcyclohexane	6.756	83	151979	39.079	ug/L	100
37) 1,2-Dichloropropane	6.782	63	114577	37.450	ug/L	100
38) Bromodichloromethane	7.097	83	145411	40.098	ug/L	100
39) cis-1,3-Dichloropropene	7.599	75	175428	40.825	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	289307	72.774	ug/L	100
42) Toluene	7.962	91	458379	41.710	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	159028	40.991	ug/L	100

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45) 1,1,2-Trichloroethane	8.390	97	118674	42.140	ug/L	100
46) Tetrachloroethene	8.547	164	88034	47.435	ug/L	100
48) 2-Hexanone	8.676	43	241933	72.069	ug/L	100
49) Dibromochloromethane	8.801	129	116863	45.257	ug/L	100
50) 1,2-Dibromoethane	8.917	107	123653	42.361	ug/L	100
51) Chlorobenzene	9.438	112	295307	43.759	ug/L	100
52) Ethylbenzene	9.563	91	485775	42.724	ug/L	100
53) m,p-Xylene	9.685	106	189253	44.941	ug/L	100
54) o-Xylene	10.094	106	184988	45.256	ug/L	100
55) Styrene	10.107	104	319624	46.063	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	201453	39.530	ug/L	100
59) Bromoform	10.283	173	97921	45.036	ug/L	100
60) 1,2,3-Trichloropropane	10.814	75	149760	34.142	ug/L	100
61) Isopropylbenzene	10.476	105	490747	43.321	ug/L	100
62) 1,3,5-Trimethylbenzene	11.081	105	353170	43.026	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	388093	43.896	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	244764	45.277	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	248620	44.566	ug/L	100
67) 1,2-Dichlorobenzene	12.203	146	246985	44.111	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.987	75	41916	37.654	ug/L	100
69) 1,3,5-Trichlorobenzene	13.213	180	173950	48.218	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	156246	52.938	ug/L	100
71) Naphthalene	14.077	128	464515	49.717	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	160192	53.544	ug/L	100

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

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