

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111522\
 Data File : VU051857.D
 Acq On : 15 Nov 2022 13:01
 Operator : JC/MD
 Sample : VSTD05051
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050051

Quant Time: Nov 16 00:43:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM111522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 16 00:41:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	508786	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	511232	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	268299	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	122807	32.856	ug/L	0.00
7) Chloroethane-d5	1.897	69	121381	38.417	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	63	226314	35.155	ug/L	0.00
21) 2-Butanone-d5	4.617	46	278913	98.501	ug/L	0.00
24) Chloroform-d	5.060	84	309610	43.020	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.697	65	183465	41.212	ug/L	0.00
32) Benzene-d6	5.723	84	545058	41.447	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.687	67	197886	44.780	ug/L	0.00
41) Toluene-d8	7.896	98	462367	39.351	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.176	79	80334	43.373	ug/L	0.00
47) 2-Hexanone-d5	8.629	63	209670	105.071	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.752	84	383494	48.896	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.189	152	229461	46.371	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	160388	37.704	ug/L	100
3) Chloromethane	1.524	50	202050	36.924	ug/L	100
5) Vinyl chloride	1.604	62	216346	39.835	ug/L	100
6) Bromomethane	1.832	94	94221	34.388	ug/L	100
8) Chloroethane	1.919	64	139093	42.374	ug/L	100
9) Trichlorofluoromethane	2.131	101	263497	41.726	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	167107	42.826	ug/L	100
12) 1,1-Dichloroethene	2.575	96	155709	42.334	ug/L	100
13) Acetone	2.620	43	287563	88.948	ug/L	100
14) Carbon disulfide	2.790	76	424090	36.323	ug/L	100
15) Methyl Acetate	2.942	43	204907	42.726	ug/L	100
16) Methylene chloride	3.041	84	215310	43.963	ug/L	100
17) trans-1,2-Dichloroethene	3.350	96	162581	42.926	ug/L	100
18) Methyl tert-butyl Ether	3.360	73	507118	46.131	ug/L	100
19) 1,1-Dichloroethane	3.864	63	331196	43.985	ug/L	100
20) cis-1,2-Dichloroethene	4.662	96	191804	45.796	ug/L	100
22) 2-Butanone	4.697	43	343336	92.091	ug/L	100
23) Bromochloromethane	4.970	128	104668	44.513	ug/L	100
25) Chloroform	5.086	83	345922	44.484	ug/L	100
27) 1,2-Dichloroethane	5.790	62	255874	42.767	ug/L	100
29) Cyclohexane	5.385	56	243476	46.608	ug/L	100
30) 1,1,1-Trichloroethane	5.314	97	265470	44.654	ug/L	100
31) Carbon tetrachloride	5.520	117	226684	45.045	ug/L	100
33) Benzene	5.771	78	772507	46.966	ug/L	100
34) Trichloroethene	6.540	95	176261	44.457	ug/L	100
35) Methylcyclohexane	6.761	83	264029	46.856	ug/L	100
37) 1,2-Dichloropropane	6.787	63	209146	46.208	ug/L	100
38) Bromodichloromethane	7.102	83	263479	45.611	ug/L	100
39) cis-1,3-Dichloropropene	7.604	75	281075	47.052	ug/L	100
40) 4-Methyl-2-pentanone	7.787	43	585864	97.006	ug/L	100
42) Toluene	7.967	91	823340	48.863	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	269857	46.618	ug/L	100

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45) 1,1,2-Trichloroethane	8.398	97	210366	46.359	ug/L	100
46) Tetrachloroethene	8.549	164	135959	45.972	ug/L	100
48) 2-Hexanone	8.681	43	492441	96.256	ug/L	100
49) Dibromochloromethane	8.806	129	219896	47.074	ug/L	100
50) 1,2-Dibromoethane	8.922	107	214323	46.093	ug/L	100
51) Chlorobenzene	9.443	112	524579	47.038	ug/L	100
52) Ethylbenzene	9.568	91	838303	49.044	ug/L	100
53) m,p-Xylene	9.691	106	332646	50.580	ug/L	100
54) o-Xylene	10.099	106	334749	51.042	ug/L	100
55) Styrene	10.112	104	594552	52.303	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.781	83	400758	46.386	ug/L	100
59) Bromoform	10.289	173	172307	45.958	ug/L	100
60) 1,2,3-Trichloropropane	10.819	75	304911	44.301	ug/L	100
61) Isopropylbenzene	10.481	105	840160	50.088	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	683137	48.499	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	689670	49.775	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	402000	47.037	ug/L	100
65) 1,4-Dichlorobenzene	11.832	146	402452	45.897	ug/L	100
67) 1,2-Dichlorobenzene	12.208	146	417632	46.811	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.993	75	77740	41.973	ug/L	100
69) 1,3,5-Trichlorobenzene	13.214	180	265367	46.259	ug/L	100
70) 1,2,4-trichlorobenzene	13.838	180	207083	46.725	ug/L	100
71) Naphthalene	14.083	128	725125	50.651	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	237351	50.017	ug/L	100

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

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