

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092922\
 Data File : VU050979.D
 Acq On : 29 Sep 2022 14:54
 Operator : JC/MD
 Sample : VSTD00537
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005037

Quant Time: Sep 30 01:21:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 30 01:20:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	346379	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	413856	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	165285	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	20003	5.647	ug/L	0.00
7) Chloroethane-d5	1.912	69	16325	6.291	ug/L	0.01
11) 1,1-Dichloroethene-d2	2.568	63	29194	5.342	ug/L	0.00
21) 2-Butanone-d5	4.639	46	22809	9.996	ug/L	0.02
24) Chloroform-d	5.067	84	30051	5.399	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	19266	5.613	ug/L	0.00
32) Benzene-d6	5.729	84	57219	4.321	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	19096	4.291	ug/L	0.00
41) Toluene-d8	7.899	98	51100	4.380	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	9439	4.813	ug/L	0.00
47) 2-Hexanone-d5	8.636	63	13413	7.391	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.754	84	32112	4.611	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	18830	5.402	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	17559	5.123	ug/L	100
3) Chloromethane	1.520	50	20382	5.102	ug/L	99
5) Vinyl chloride	1.604	62	21495	5.422	ug/L	99
6) Bromomethane	1.861	94	15738	7.163	ug/L	95
8) Chloroethane	1.935	64	14045	6.245	ug/L	98
9) Trichlorofluoromethane	2.141	101	29464	6.604	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	15720	5.654	ug/L	98
12) 1,1-Dichloroethene	2.581	96	13957	5.362	ug/L	97
13) Acetone	2.645	43	26666	14.037	ug/L	97
14) Carbon disulfide	2.793	76	42598	5.230	ug/L	99
15) Methyl Acetate	2.957	43	18547	5.168	ug/L	96
16) Methylene chloride	3.047	84	24440	6.720	ug/L	97
17) trans-1,2-Dichloroethene	3.356	96	15326	5.729	ug/L	92
18) Methyl tert-butyl Ether	3.362	73	41831	5.110	ug/L #	91
19) 1,1-Dichloroethane	3.870	63	27607	5.135	ug/L	97
20) cis-1,2-Dichloroethene	4.671	96	15368	5.165	ug/L	97
22) 2-Butanone	4.716	43	27438	10.914	ug/L	98
23) Bromochloromethane	4.973	128	8781	5.559	ug/L	95
25) Chloroform	5.092	83	30585	5.621	ug/L	98
27) 1,2-Dichloroethane	5.796	62	23855	5.780	ug/L	99
29) Cyclohexane	5.388	56	18064	3.395	ug/L	98
30) 1,1,1-Trichloroethane	5.317	97	24775	4.636	ug/L	97
31) Carbon tetrachloride	5.526	117	20417	4.608	ug/L	97
33) Benzene	5.774	78	61092	4.178	ug/L	100
34) Trichloroethene	6.542	95	16629	4.805	ug/L	99
35) Methylcyclohexane	6.764	83	19960	3.691	ug/L	96
37) 1,2-Dichloropropane	6.793	63	17729	4.434	ug/L	98
38) Bromodichloromethane	7.105	83	24482	5.049	ug/L	94
39) cis-1,3-Dichloropropene	7.610	75	22777	4.238	ug/L	95
40) 4-Methyl-2-pentanone	7.793	43	46830	8.516	ug/L	95
42) Toluene	7.970	91	62475	4.272	ug/L	96
44) trans-1,3-Dichloropropene	8.211	75	24605	4.782	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092922\
 Data File : VU050979.D
 Acq On : 29 Sep 2022 14:54
 Operator : JC/MD
 Sample : VSTD00537
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005037

Quant Time: Sep 30 01:21:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 30 01:20:42 2022
 Response via : Initial Calibration

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

45) 1,1,2-Trichloroethane	8.401	97	21241	5.634	ug/L	96
46) Tetrachloroethene	8.555	164	13777	5.510	ug/L	94
48) 2-Hexanone	8.687	43	47583	10.177	ug/L	97
49) Dibromochloromethane	8.809	129	21049	5.631	ug/L	99
50) 1,2-Dibromoethane	8.925	107	22460	5.724	ug/L	100
51) Chlorobenzene	9.446	112	49337	5.418	ug/L	97
52) Ethylbenzene	9.571	91	66293	4.452	ug/L	99
53) m,p-Xylene	9.693	106	23659	4.305	ug/L	97
54) o-Xylene	10.099	106	23070	4.198	ug/L	100
55) Styrene	10.115	104	37007	3.920	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	31260	4.475	ug/L	98
59) Bromoform	10.288	173	15739	6.680	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	27940	6.143	ug/L	97
61) Isopropylbenzene	10.484	105	54063	4.707	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	39848	4.179	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	38167	4.088	ug/L	97
64) 1,3-Dichlorobenzene	11.745	146	32298	6.088	ug/L	93
65) 1,4-Dichlorobenzene	11.835	146	31319	5.752	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	31496	5.481	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	7756	6.111	ug/L	97
69) 1,3,5-Trichlorobenzene	13.217	180	20316	5.385	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	17303	5.632	ug/L	100
71) Naphthalene	14.086	128	57044	4.906	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	19970	5.798	ug/L	95

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

