

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021022\
 Data File : VU047073.D
 Acq On : 10 Feb 2022 14:15
 Operator : SY/MD
 Sample : VSTD00543
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005043

Quant Time: Feb 10 15:50:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 10 15:49:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	591173	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	550513	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	286922	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	27214	5.214	ug/L	0.00
7) Chloroethane-d5	1.919	69	19547	5.016	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	63	46258	5.258	ug/L	0.00
21) 2-Butanone-d5	4.632	46	41110	10.600	ug/L	0.00
24) Chloroform-d	5.070	84	44208	4.866	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.706	65	29288	5.080	ug/L	0.00
32) Benzene-d6	5.732	84	93474	5.369	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.693	67	30984	5.738	ug/L	0.00
41) Toluene-d8	7.902	98	90150	5.745	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	15538	5.896	ug/L	0.00
47) 2-Hexanone-d5	8.636	63	31994	11.181	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	42941	5.210	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	35870	5.870	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	31294	5.800	ug/L	100
3) Chloromethane	1.526	50	31266	6.366	ug/L	99
5) Vinyl chloride	1.607	62	31040	6.150	ug/L	98
6) Bromomethane	1.864	94	17069	5.384	ug/L	86
8) Chloroethane	1.938	64	17236	5.645	ug/L	98
9) Trichlorofluoromethane	2.144	101	36517	5.102	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	22700	5.567	ug/L	95
12) 1,1-Dichloroethene	2.588	96	22621	5.843	ug/L	91
13) Acetone	2.636	43	40058	11.569	ug/L	96
14) Carbon disulfide	2.800	76	68076	5.844	ug/L	98
15) Methyl Acetate	2.954	43	28310	6.133	ug/L	94
16) Methylene chloride	3.054	84	23592	4.988	ug/L	95
17) trans-1,2-Dichloroethene	3.359	96	23182	5.726	ug/L	95
18) Methyl tert-butyl Ether	3.369	73	77816	6.354	ug/L	97
19) 1,1-Dichloroethane	3.877	63	43194	5.826	ug/L	98
20) cis-1,2-Dichloroethene	4.671	96	24581	5.650	ug/L #	91
22) 2-Butanone	4.710	43	46365	11.430	ug/L	96
23) Bromochloromethane	4.980	128	13403	5.781	ug/L	98
25) Chloroform	5.092	83	42390	5.333	ug/L	100
27) 1,2-Dichloroethane	5.800	62	33943	5.549	ug/L	96
29) Cyclohexane	5.394	56	41670	7.007	ug/L	95
30) 1,1,1-Trichloroethane	5.321	97	37654	5.697	ug/L	99
31) Carbon tetrachloride	5.533	117	32381	5.636	ug/L	100
33) Benzene	5.777	78	98119	6.036	ug/L	100
34) Trichloroethene	6.546	95	25676	5.993	ug/L	98
35) Methylcyclohexane	6.767	83	43156	6.461	ug/L	97
37) 1,2-Dichloropropane	6.793	63	26477	6.313	ug/L	98
38) Bromodichloromethane	7.108	83	33229	5.832	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	40577	6.207	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	80291	13.596	ug/L	95
42) Toluene	7.973	91	107319	6.246	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	38322	6.046	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021022\
 Data File : VU047073.D
 Acq On : 10 Feb 2022 14:15
 Operator : SY/MD
 Sample : VSTD00543
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005043

Quant Time: Feb 10 15:50:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 10 15:49:29 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.404	97	24238	5.726	ug/L	99
46) Tetrachloroethene	8.555	164	20717	6.319	ug/L	97
48) 2-Hexanone	8.687	43	67681	13.648	ug/L	97
49) Dibromochloromethane	8.812	129	28523	6.055	ug/L	98
50) 1,2-Dibromoethane	8.925	107	27069	6.084	ug/L	98
51) Chlorobenzene	9.449	112	68294	6.083	ug/L	97
52) Ethylbenzene	9.574	91	116210	6.329	ug/L	98
53) m,p-Xylene	9.697	106	45287	6.364	ug/L	99
54) o-xylene	10.102	106	45617	6.686	ug/L	96
55) Styrene	10.118	104	77368	6.507	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	40822	5.503	ug/L	98
59) Bromoform	10.291	173	21143	5.979	ug/L	97
60) 1,2,3-Trichloropropane	10.825	75	34925	5.841	ug/L	96
61) Isopropylbenzene	10.484	105	116564	6.634	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	82286	5.802	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	98804	6.719	ug/L	97
64) 1,3-Dichlorobenzene	11.748	146	53437	6.085	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	53728	5.899	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	53681	6.100	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	11096	6.167	ug/L	97
69) 1,3,5-Trichlorobenzene	13.221	180	40975	6.066	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	38529	6.580	ug/L	99
71) Naphthalene	14.085	128	135436	7.073	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	38880	6.616	ug/L	97

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

