

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051622\
 Data File : VU048577.D
 Acq On : 16 May 2022 12:41
 Operator : SY/MD
 Sample : VSTD00568
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005068

Quant Time: May 17 06:42:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 17 06:41:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	191431	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	192976	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	114037	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	7461	4.843	ug/L	0.00
7) Chloroethane-d5	1.916	69	5468	5.420	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.571	63	16004	5.579	ug/L	0.00
21) 2-Butanone-d5	4.626	46	11732	8.656	ug/L	0.00
24) Chloroform-d	5.067	84	17518	6.101	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.706	65	12581	6.629	ug/L	0.00
32) Benzene-d6	5.729	84	31811	5.541	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	9120	4.988	ug/L	0.00
41) Toluene-d8	7.899	98	28304	5.502	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	6049	6.736	ug/L	0.00
47) 2-Hexanone-d5	8.636	63	8612	9.398	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	15154	5.373	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	14992	6.648	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	11594	6.378	ug/L	96
3) Chloromethane	1.523	50	7282	3.941	ug/L	95
5) Vinyl chloride	1.604	62	7907	4.419	ug/L	84
6) Bromomethane	1.858	94	6229	6.676	ug/L	88
8) Chloroethane	1.935	64	4915	5.056	ug/L	94
9) Trichlorofluoromethane	2.141	101	15278	6.029	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	7676	5.387	ug/L	99
12) 1,1-Dichloroethene	2.581	96	7244	5.439	ug/L	86
13) Acetone	2.626	43	12772	11.965	ug/L	99
14) Carbon disulfide	2.797	76	23093	5.684	ug/L #	95
15) Methyl Acetate	2.951	43	8653	4.188	ug/L	96
16) Methylene chloride	3.047	84	8916	5.543	ug/L	99
17) trans-1,2-Dichloroethene	3.356	96	8109	5.720	ug/L	99
18) Methyl tert-butyl Ether	3.369	73	25281	5.224	ug/L	99
19) 1,1-Dichloroethane	3.874	63	13748	4.761	ug/L	98
20) cis-1,2-Dichloroethene	4.674	96	8856	5.487	ug/L	92
22) 2-Butanone	4.706	43	13488	8.821	ug/L	97
23) Bromochloromethane	4.980	128	5110	5.935	ug/L	84
25) Chloroform	5.089	83	16167	5.509	ug/L	95
27) 1,2-Dichloroethane	5.796	62	13852	5.678	ug/L	97
29) Cyclohexane	5.395	56	10680	4.192	ug/L	97
30) 1,1,1-Trichloroethane	5.324	97	16623	6.009	ug/L #	84
31) Carbon tetrachloride	5.530	117	14963	6.212	ug/L	97
33) Benzene	5.777	78	31632	4.844	ug/L	100
34) Trichloroethene	6.549	95	9010	5.444	ug/L	96
35) Methylcyclohexane	6.764	83	12112	4.709	ug/L	98
37) 1,2-Dichloropropane	6.796	63	7906	4.425	ug/L #	93
38) Bromodichloromethane	7.108	83	12427	5.398	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	11670	4.441	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	23121	8.105	ug/L	98
42) Toluene	7.973	91	32511	4.763	ug/L	98
44) trans-1,3-Dichloropropene	8.214	75	12657	4.845	ug/L	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051622\
 Data File : VU048577.D
 Acq On : 16 May 2022 12:41
 Operator : SY/MD
 Sample : VSTD00568
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005068

Quant Time: May 17 06:42:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 17 06:41:51 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.404	97	8244	4.918	ug/L	95
46) Tetrachloroethene	8.555	164	7100	5.603	ug/L	98
48) 2-Hexanone	8.687	43	20411	8.539	ug/L	97
49) Dibromochloromethane	8.812	129	10295	5.516	ug/L	97
50) 1,2-Dibromoethane	8.925	107	9866	5.515	ug/L #	90
51) Chlorobenzene	9.452	112	24325	5.553	ug/L	99
52) Ethylbenzene	9.571	91	38974	5.411	ug/L	100
53) m,p-Xylene	9.693	106	15611	5.563	ug/L	83
54) o-Xylene	10.102	106	14418	5.162	ug/L	99
55) Styrene	10.115	104	25303	5.508	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.787	83	14662	4.788	ug/L	98
59) Bromoform	10.295	173	9084	5.528	ug/L	97
60) 1,2,3-Trichloropropane	10.825	75	13268	4.599	ug/L	99
61) Isopropylbenzene	10.484	105	38223	4.807	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	20018	4.531	ug/L	95
63) 1,2,4-Trimethylbenzene	11.471	105	31548	4.779	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	21149	5.580	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	23725	6.219	ug/L	97
67) 1,2-Dichlorobenzene	12.217	146	22647	5.868	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.999	75	5276	5.947	ug/L	84
69) 1,3,5-Trichlorobenzene	13.221	180	17802	6.491	ug/L	94
70) 1,2,4-trichlorobenzene	13.844	180	15951	6.549	ug/L	98
71) Naphthalene	14.089	128	57048	6.183	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	16679	6.515	ug/L	99

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

