

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072222\
 Data File : VU049842.D
 Acq On : 22 Jul 2022 10:11
 Operator : SY/MD
 Sample : VSTD0.538
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5038

Quant Time: Jul 23 00:38:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 23 00:37:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	94248	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	91526	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	44323	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	4036	0.499	ug/L	0.00
7) Chloroethane-d5	1.912	69	3389	0.597	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	65	1947	0.586	ug/L	0.00
20) 2-Butanone-d5	4.655	46	12161	5.238	ug/L	0.02
24) Chloroform-d	5.070	84	8625	0.632	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.706	65	5475	0.727	ug/L	0.00
32) Benzene-d6	5.729	84	15835	0.563	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.693	67	5222	0.543	ug/L	0.00
41) Toluene-d8	7.899	98	13072	0.519	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	1862	0.455	ug/L	0.00
46) 2-Hexanone-d5	8.639	63	6264	3.780	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	4610	0.590	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	4830	0.568	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	4356	0.502	ug/L	98
3) Chloromethane	1.517	50	6818	0.723	ug/L	97
5) Vinyl chloride	1.600	62	4777	0.567	ug/L	95
6) Bromomethane	1.858	94	2773	0.605	ug/L	89
8) Chloroethane	1.932	64	3073	0.633	ug/L	95
9) Trichlorofluoromethane	2.137	101	5630	0.556	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	2655	0.460	ug/L	97
12) 1,1-Dichloroethene	2.578	96	2658	0.480	ug/L	91
13) Acetone	2.661	43	7926	6.572	ug/L	73
14) Carbon disulfide	2.790	76	9075	0.505	ug/L	# 92
15) Methyl Acetate	2.967	43	2183	0.714	ug/L	# 72
16) Methylene chloride	3.041	84	10738	1.366	ug/L	96
17) Methyl tert-butyl Ether	3.372	73	9223	0.554	ug/L	97
18) trans-1,2-Dichloroethene	3.349	96	3446	0.560	ug/L	81
19) 1,1-Dichloroethane	3.870	63	7218	0.585	ug/L	97
21) 2-Butanone	4.735	43	12037	5.369	ug/L	90
22) cis-1,2-Dichloroethene	4.671	96	3672	0.530	ug/L	95
23) Bromochloromethane	4.980	128	1668	0.560	ug/L	88
25) Chloroform	5.089	83	8271	0.659	ug/L	97
27) 1,2-Dichloroethane	5.796	62	5680	0.681	ug/L	# 79
29) 1,1,1-Trichloroethane	5.314	97	5963	0.522	ug/L	97
30) Cyclohexane	5.391	56	3895	0.316	ug/L	90
31) Carbon tetrachloride	5.526	117	4637	0.484	ug/L	99
33) Benzene	5.774	78	15469	0.546	ug/L	100
34) Trichloroethene	6.539	95	3564	0.496	ug/L	94
35) Methylcyclohexane	6.758	83	4072	0.352	ug/L	98
37) 1,2-Dichloropropane	6.793	63	4536	0.579	ug/L	# 89
38) Bromodichloromethane	7.105	83	5713	0.596	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	5335	0.462	ug/L	# 81
40) 4-Methyl-2-pentanone	7.796	43	27939	4.819	ug/L	95
42) Toluene	7.970	91	14839	0.495	ug/L	93
44) trans-1,3-Dichloropropene	8.211	75	4693	0.469	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072222\
 Data File : VU049842.D
 Acq On : 22 Jul 2022 10:11
 Operator : SY/MD
 Sample : VSTD0.538
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5038

Quant Time: Jul 23 00:38:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 23 00:37:28 2022
 Response via : Initial Calibration

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

45) 1,1,2-Trichloroethane	8.404	97	3182	0.577	ug/L	89
47) Tetrachloroethene	8.555	164	2385	0.476	ug/L	87
48) 2-Hexanone	8.690	43	21051	5.008	ug/L	94
49) Dibromochloromethane	8.809	129	3453	0.552	ug/L	98
50) 1,2-Dibromoethane	8.922	107	2721	0.540	ug/L #	97
51) Chlorobenzene	9.449	112	10339	0.568	ug/L	97
52) Ethylbenzene	9.571	91	14037	0.436	ug/L	97
53) m,p-Xylene	9.693	106	5309	0.447	ug/L	95
54) o-Xylene	10.098	106	5094	0.432	ug/L	92
55) Styrene	10.115	104	7976	0.403	ug/L	91
57) 1,1,2,2-Tetrachloroethane	10.783	83	3858	0.532	ug/L	99
59) Bromoform	10.295	173	1747	0.515	ug/L #	36
60) Isopropylbenzene	10.484	105	12223	0.406	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	2934	0.566	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	10125	0.385	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	9389	0.364	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	6814	0.514	ug/L	95
65) 1,4-Dichlorobenzene	11.838	146	6817	0.525	ug/L	87
67) 1,2-Dichlorobenzene	12.214	146	7194	0.573	ug/L	96
68) 1,2-Dibromo-3-chloropr...	13.002	75	612	0.453	ug/L	99
69) 1,3,5-Trichlorobenzene	13.224	180	5265	0.541	ug/L	93
70) 1,2,4-trichlorobenzene	13.841	180	4396	0.564	ug/L	93
71) Naphthalene	14.089	128	8508	0.554	ug/L #	95
72) 1,2,3-Trichlorobenzene	14.327	180	4235	0.572	ug/L	98

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

