

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060723\
 Data File : VU054405.D
 Acq On : 07 Jun 2023 11:40
 Operator : MD/SY
 Sample : VSTD0.531
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5031

Quant Time: Jun 08 01:03:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 08 01:03:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	298959	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	283106	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	143269	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	10040	0.528	ug/L	0.00
7) Chloroethane-d5	1.914	69	9879	0.555	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.564	65	4614	0.543	ug/L	0.00
20) 2-Butanone-d5	4.650	46	25658	4.796	ug/L	0.02
24) Chloroform-d	5.059	84	20855	0.524	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.705	65	10056	0.519	ug/L	0.00
32) Benzene-d6	5.724	84	40988	0.521	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.689	67	13587	0.517	ug/L	0.00
41) Toluene-d8	7.894	98	34560	0.495	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.181	79	4512	0.494	ug/L	0.00
46) 2-Hexanone-d5	8.634	63	16821	4.387	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	10177	0.519	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.193	152	13350	0.552	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.384	85	12927	0.463	ug/L	99
3) Chloromethane	1.522	50	15587	0.486	ug/L	97
5) Vinyl chloride	1.605	62	15673	0.476	ug/L	92
6) Bromomethane	1.859	94	9082	0.502	ug/L	99
8) Chloroethane	1.933	64	10377	0.526	ug/L	99
9) Trichlorofluoromethane	2.136	101	18921	0.467	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.580	101	10588	0.447	ug/L #	88
12) 1,1-Dichloroethene	2.580	96	9989	0.461	ug/L	90
13) Acetone	2.647	43	30352	6.018	ug/L	93
14) Carbon disulfide	2.792	76	30254	0.471	ug/L	98
15) Methyl Acetate	2.965	43	4231	0.453	ug/L #	71
16) Methylene chloride	3.046	84	22229	0.729	ug/L	95
17) Methyl tert-butyl Ether	3.364	73	23804	0.445	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	10782	0.482	ug/L	96
19) 1,1-Dichloroethane	3.869	63	21233	0.458	ug/L	94
21) 2-Butanone	4.731	43	30430	4.396	ug/L	100
22) cis-1,2-Dichloroethene	4.670	96	11963	0.469	ug/L	92
23) Bromochloromethane	4.969	128	4998	0.471	ug/L	80
25) Chloroform	5.088	83	21850	0.478	ug/L	100
27) 1,2-Dichloroethane	5.801	62	12798	0.478	ug/L	95
29) 1,1,1-Trichloroethane	5.316	97	17421	0.454	ug/L	92
30) Cyclohexane	5.387	56	18187	0.435	ug/L	97
31) Carbon tetrachloride	5.522	117	15793	0.477	ug/L	97
33) Benzene	5.772	78	47757	0.469	ug/L	100
34) Trichloroethene	6.541	95	13009	0.484	ug/L	83
35) Methylcyclohexane	6.763	83	18234	0.448	ug/L	97
37) 1,2-Dichloropropane	6.788	63	12735	0.463	ug/L #	98
38) Bromodichloromethane	7.104	83	14039	0.451	ug/L	97
39) cis-1,3-Dichloropropene	7.608	75	14661	0.390	ug/L	94
40) 4-Methyl-2-pentanone	7.792	43	62232	4.239	ug/L	98
42) Toluene	7.968	91	45162	0.431	ug/L	99
44) trans-1,3-Dichloropropene	8.210	75	12994	0.426	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060723\
 Data File : VU054405.D
 Acq On : 07 Jun 2023 11:40
 Operator : MD/SY
 Sample : VSTD0.531
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5031

Quant Time: Jun 08 01:03:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 08 01:03:32 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.399	97	7847	0.448	ug/L	99
47) Tetrachloroethene	8.554	164	10717	0.520	ug/L	89
48) 2-Hexanone	8.685	43	52029	4.756	ug/L	95
49) Dibromochloromethane	8.804	129	8371	0.456	ug/L	96
50) 1,2-Dibromoethane	8.923	107	7326	0.456	ug/L #	96
51) Chlorobenzene	9.444	112	30324	0.464	ug/L	97
52) Ethylbenzene	9.570	91	50259	0.439	ug/L	95
53) m,p-Xylene	9.695	106	17615	0.419	ug/L	95
54) o-Xylene	10.097	106	16234	0.399	ug/L	89
55) Styrene	10.116	104	27067	0.397	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.779	83	10536	0.474	ug/L	97
59) Bromoform	10.293	173	4745	0.461	ug/L #	92
60) Isopropylbenzene	10.480	105	44998	0.429	ug/L	98
61) 1,2,3-Trichloropropane	10.824	75	6894	0.476	ug/L #	93
62) 1,3,5-Trimethylbenzene	11.084	105	35391	0.414	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	35867	0.413	ug/L	98
64) 1,3-Dichlorobenzene	11.746	146	22356	0.456	ug/L	94
65) 1,4-Dichlorobenzene	11.833	146	23606	0.480	ug/L	97
67) 1,2-Dichlorobenzene	12.209	146	20870	0.463	ug/L	93
68) 1,2-Dibromo-3-chloropr...	13.004	75	1421	0.447	ug/L #	79
69) 1,3,5-Trichlorobenzene	13.216	180	17627	0.477	ug/L	96
70) 1,2,4-trichlorobenzene	13.840	180	14468	0.473	ug/L	98
71) Naphthalene	14.087	128	24515	0.493	ug/L	97
72) 1,2,3-Trichlorobenzene	14.328	180	12556	0.478	ug/L	95

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

