

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110723\
 Data File : VU056089.D
 Acq On : 07 Nov 2023 09:21
 Operator : MD/SY
 Sample : VSTD00174
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001074

Quant Time: Nov 08 00:15:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 08 00:14:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	370943	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	367955	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	168955	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	22395	0.973	ug/L	0.00
7) Chloroethane-d5	1.907	69	15165	0.971	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	9684	0.955	ug/L	0.00
20) 2-Butanone-d5	4.637	46	33227	9.235	ug/L	0.02
24) Chloroform-d	5.062	84	41730	0.952	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.701	65	18695	0.969	ug/L	0.00
32) Benzene-d6	5.724	84	79176	0.896	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.689	67	23995	0.922	ug/L	0.00
41) Toluene-d8	7.898	98	73144	0.903	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.180	79	8660	0.871	ug/L	0.00
46) 2-Hexanone-d5	8.634	63	25278	7.813	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	17130	0.923	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.193	152	25083	0.963	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	31954	1.016	ug/L	100
3) Chloromethane	1.515	50	28841	0.979	ug/L	94
5) Vinyl chloride	1.602	62	29992	0.984	ug/L	82
6) Bromomethane	1.853	94	17870	1.021	ug/L	99
8) Chloroethane	1.930	64	17475	1.057	ug/L	97
9) Trichlorofluoromethane	2.136	101	40385	1.002	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	25448	0.991	ug/L	98
12) 1,1-Dichloroethene	2.576	96	22920	0.961	ug/L	98
13) Acetone	2.637	43	27142	9.743	ug/L	96
14) Carbon disulfide	2.792	76	78316	0.964	ug/L	99
15) Methyl Acetate	2.956	43	7439	0.946	ug/L	89
16) Methylene chloride	3.042	84	27235	0.996	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	50235	0.935	ug/L	97
18) trans-1,2-Dichloroethene	3.351	96	24153	0.956	ug/L	99
19) 1,1-Dichloroethane	3.866	63	44958	0.976	ug/L	97
21) 2-Butanone	4.714	43	38846	8.456	ug/L	95
22) cis-1,2-Dichloroethene	4.669	96	26462	0.970	ug/L	89
23) Bromochloromethane	4.972	128	11747	0.971	ug/L	95
25) Chloroform	5.081	83	47396	0.965	ug/L	100
27) 1,2-Dichloroethane	5.792	62	27229	0.980	ug/L #	92
29) 1,1,1-Trichloroethane	5.312	97	40134	0.952	ug/L	98
30) Cyclohexane	5.383	56	35745	0.908	ug/L	96
31) Carbon tetrachloride	5.518	117	36025	0.962	ug/L	97
33) Benzene	5.772	78	99528	0.945	ug/L	100
34) Trichloroethene	6.541	95	27247	0.947	ug/L	94
35) Methylcyclohexane	6.759	83	38274	0.895	ug/L	98
37) 1,2-Dichloropropane	6.788	63	27316	0.997	ug/L #	95
38) Bromodichloromethane	7.103	83	32029	0.936	ug/L	93
39) cis-1,3-Dichloropropene	7.605	75	33270	0.860	ug/L	96
40) 4-Methyl-2-pentanone	7.788	43	106089	8.852	ug/L	97
42) Toluene	7.968	91	101418	0.913	ug/L	98
44) trans-1,3-Dichloropropene	8.209	75	28090	0.897	ug/L	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110723\
 Data File : VU056089.D
 Acq On : 07 Nov 2023 09:21
 Operator : MD/SY
 Sample : VSTD00174
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001074

Quant Time: Nov 08 00:15:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 08 00:14:39 2023
 Response via : Initial Calibration

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

45) 1,1,2-Trichloroethane	8.396	97	17836	0.952	ug/L	94
47) Tetrachloroethene	8.550	164	21074	0.976	ug/L	95
48) 2-Hexanone	8.682	43	73073	8.523	ug/L	99
49) Dibromochloromethane	8.804	129	19588	0.911	ug/L	99
50) 1,2-Dibromoethane	8.923	107	16169	0.924	ug/L #	93
51) Chlorobenzene	9.444	112	69475	0.970	ug/L	97
52) Ethylbenzene	9.569	91	109547	0.905	ug/L	98
53) m,p-Xylene	9.692	106	41374	0.899	ug/L	96
54) o-Xylene	10.097	106	39191	0.888	ug/L	98
55) Styrene	10.116	104	59142	0.819	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	20650	0.938	ug/L #	99
59) Bromoform	10.287	173	11607	0.989	ug/L	97
60) Isopropylbenzene	10.483	105	103932	0.949	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	14642	1.004	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	80240	0.903	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	76655	0.880	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	49562	0.955	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	48844	0.952	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	47428	0.992	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.994	75	3006	0.977	ug/L	87
69) 1,3,5-Trichlorobenzene	13.216	180	37479	0.965	ug/L	97
70) 1,2,4-trichlorobenzene	13.836	180	28219	0.915	ug/L	99
71) Naphthalene	14.087	128	36962	0.823	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	24471	0.905	ug/L	99

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

