

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122121\
 Data File : VU046525.D
 Acq On : 21 Dec 2021 13:29
 Operator : SY/MD
 Sample : VSTD01043
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010043

Quant Time: Dec 21 14:14:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 21 13:53:06 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	89006	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	85713	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	47580	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	70558	10.077	ug/L	0.01
7) Chloroethane-d5	1.922	69	53047	10.413	ug/L	0.01
11) 1,1-Dichloroethene-d2	2.575	65	30402	10.479	ug/L	0.01
20) 2-Butanone-d5	4.662	46	190644	101.482	ug/L	0.00
24) Chloroform-d	5.070	84	125401	10.560	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.706	65	69976	10.113	ug/L	0.00
32) Benzene-d6	5.732	84	239224	10.136	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	71755	9.720	ug/L	0.00
41) Toluene-d8	7.899	98	222932	10.422	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	33972	11.079	ug/L	0.00
46) 2-Hexanone-d5	8.639	63	209488	142.119	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	73543	11.494	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	86752	10.510	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	137553	16.120	ug/L	100
3) Chloromethane	1.523	50	105059	12.351	ug/L	98
5) Vinyl chloride	1.610	62	110006	12.979	ug/L	99
6) Bromomethane	1.864	94	63655	12.636	ug/L	99
8) Chloroethane	1.941	64	60914	12.512	ug/L	99
9) Trichlorofluoromethane	2.147	101	148740	13.625	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	79039	12.779	ug/L	97
12) 1,1-Dichloroethene	2.588	96	76489	12.855	ug/L	79
13) Acetone	2.687	43	158144	128.832	ug/L	94
14) Carbon disulfide	2.800	76	249697	13.079	ug/L	98
15) Methyl Acetate	2.970	43	35360	11.694	ug/L	96
16) Methylene chloride	3.054	84	82485	9.565	ug/L	93
17) Methyl tert-butyl Ether	3.369	73	208413	12.889	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	79265	12.310	ug/L	96
19) 1,1-Dichloroethane	3.877	63	137174	11.440	ug/L	99
21) 2-Butanone	4.739	43	246812	118.987	ug/L	92
22) cis-1,2-Dichloroethene	4.674	96	84789	12.180	ug/L	100
23) Bromochloromethane	4.980	128	40404	12.906	ug/L	91
25) Chloroform	5.092	83	148597	11.441	ug/L	97
27) 1,2-Dichloroethane	5.800	62	104753	12.253	ug/L	98
29) 1,1,1-Trichloroethane	5.324	97	134704	12.897	ug/L	98
30) Cyclohexane	5.395	56	128303	12.993	ug/L	96
31) Carbon tetrachloride	5.530	117	118628	13.611	ug/L	98
33) Benzene	5.777	78	319099	12.134	ug/L	100
34) Trichloroethene	6.546	95	83632	12.257	ug/L	98
35) Methylcyclohexane	6.768	83	139962	13.631	ug/L	96
37) 1,2-Dichloropropane	6.793	63	79811	11.552	ug/L	98
38) Bromodichloromethane	7.108	83	110287	12.677	ug/L #	97
39) cis-1,3-Dichloropropene	7.610	75	128081	12.876	ug/L	98
40) 4-Methyl-2-pentanone	7.800	43	613207	131.035	ug/L	96
42) Toluene	7.973	91	344814	12.767	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	115402	13.139	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122121\
 Data File : VU046525.D
 Acq On : 21 Dec 2021 13:29
 Operator : SY/MD
 Sample : VSTD01043
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010043

Quant Time: Dec 21 14:14:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 21 13:53:06 2021
 Response via : Initial Calibration

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

45) 1,1,2-Trichloroethane	8.401	97	67001	12.595	ug/L	95
47) Tetrachloroethene	8.555	164	63794	13.481	ug/L	94
48) 2-Hexanone	8.690	43	461270	136.893	ug/L	97
49) Dibromochloromethane	8.812	129	80360	13.280	ug/L	99
50) 1,2-Dibromoethane	8.928	107	66130	13.193	ug/L #	95
51) Chlorobenzene	9.449	112	210754	12.474	ug/L	99
52) Ethylbenzene	9.571	91	371721	13.219	ug/L	100
53) m,p-Xylene	9.697	106	145793	13.595	ug/L	96
54) o-Xylene	10.102	106	139675	13.400	ug/L	90
55) Styrene	10.115	104	243163	13.805	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	90719	13.371	ug/L	98
59) Bromoform	10.295	173	49649	13.370	ug/L	97
60) Isopropylbenzene	10.484	105	374131	12.383	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	68661	12.179	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	322805	12.966	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	331359	13.268	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	173626	12.256	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	177093	12.307	ug/L	97
67) 1,2-Dichlorobenzene	12.214	146	172138	12.594	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	16390	13.546	ug/L	91
69) 1,3,5-Trichlorobenzene	13.221	180	135311	12.711	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	115269	12.809	ug/L	100
71) Naphthalene	14.086	128	268365	13.990	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	112359	12.490	ug/L	99

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

