

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011023\
 Data File : VU052645.D
 Acq On : 10 Jan 2023 15:21
 Operator : JC/MD
 Sample : VSTD02005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020005

Quant Time: Jan 11 00:43:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 11 00:40:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	177205	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	171234	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	97416	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	316376	17.833	ug/L	0.00
7) Chloroethane-d5	1.916	69	255711	16.844	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	65	140434	18.311	ug/L	0.00
20) 2-Butanone-d5	4.639	46	933479	171.824	ug/L	0.00
24) Chloroform-d	5.060	84	582618	19.007	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.697	65	298767	17.066	ug/L	0.00
32) Benzene-d6	5.723	84	1187362	19.996	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.684	67	387286	19.110	ug/L	0.00
41) Toluene-d8	7.893	98	1071111	21.350	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.173	79	154509	21.907	ug/L	0.00
46) 2-Hexanone-d5	8.629	63	748702	203.082	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.751	84	302430	17.842	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.188	152	372763	18.861	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	367834	22.409	ug/L	100
3) Chloromethane	1.520	50	419764	18.273	ug/L	99
5) Vinyl chloride	1.604	62	417341	20.096	ug/L	98
6) Bromomethane	1.858	94	222634	18.858	ug/L	97
8) Chloroethane	1.935	64	250277	17.699	ug/L	98
9) Trichlorofluoromethane	2.141	101	504212	20.972	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	293459	20.719	ug/L	99
12) 1,1-Dichloroethene	2.578	96	290090	21.302	ug/L	93
13) Acetone	2.658	43	564039	143.636	ug/L	99
14) Carbon disulfide	2.790	76	1009782	22.538	ug/L	100
15) Methyl Acetate	2.957	43	147861	16.648	ug/L	98
16) Methylene chloride	3.044	84	343148	17.581	ug/L	96
17) Methyl tert-butyl Ether	3.359	73	720648	20.250	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	311664	22.152	ug/L	98
19) 1,1-Dichloroethane	3.864	63	619704	20.468	ug/L	100
21) 2-Butanone	4.716	43	1041997	177.470	ug/L	99
22) cis-1,2-Dichloroethene	4.661	96	340053	22.094	ug/L	94
23) Bromochloromethane	4.970	128	139562	19.944	ug/L	96
25) Chloroform	5.083	83	586292	19.869	ug/L	100
27) 1,2-Dichloroethane	5.790	62	375072	18.863	ug/L	99
29) 1,1,1-Trichloroethane	5.311	97	500627	22.392	ug/L	98
30) Cyclohexane	5.385	56	608621	25.162	ug/L	100
31) Carbon tetrachloride	5.520	117	424177	21.809	ug/L	99
33) Benzene	5.771	78	1384205	21.836	ug/L	100
34) Trichloroethene	6.536	95	323909	21.919	ug/L	99
35) Methylcyclohexane	6.758	83	598141	26.326	ug/L	98
37) 1,2-Dichloropropane	6.787	63	364290	20.831	ug/L	99
38) Bromodichloromethane	7.102	83	428589	20.220	ug/L	97
39) cis-1,3-Dichloropropene	7.603	75	518561	23.376	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	2387839	195.223	ug/L	98
42) Toluene	7.964	91	1426333	23.346	ug/L	99
44) trans-1,3-Dichloropropene	8.205	75	437627	22.375	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.394	97	228558	18.915	ug/L	97
47) Tetrachloroethene	8.549	164	241090	23.153	ug/L	96
48) 2-Hexanone	8.684	43	1731126	188.827	ug/L	99
49) Dibromochloromethane	8.806	129	272758	20.811	ug/L	100
50) 1,2-Dibromoethane	8.919	107	216671	19.609	ug/L	99
51) Chlorobenzene	9.443	112	865480	22.400	ug/L	100
52) Ethylbenzene	9.565	91	1561059	24.748	ug/L	100
53) m,p-Xylene	9.690	106	597615	25.473	ug/L	99
54) o-Xylene	10.095	106	576554	25.641	ug/L	97
55) Styrene	10.108	104	1003271	25.727	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.777	83	309562	18.554	ug/L	98
59) Bromoform	10.285	173	151992	17.912	ug/L	99
60) Isopropylbenzene	10.478	105	1533334	23.884	ug/L	99
61) 1,2,3-Trichloropropane	10.816	75	218958	16.124	ug/L	96
62) 1,3,5-Trimethylbenzene	11.082	105	1315242	24.868	ug/L	100
63) 1,2,4-Trimethylbenzene	11.462	105	1321808	24.948	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	670899	21.199	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	671534	20.578	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	623055	20.057	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.989	75	53746	17.336	ug/L #	90
69) 1,3,5-Trichlorobenzene	13.214	180	504954	21.824	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	427654	22.134	ug/L	98
71) Naphthalene	14.079	128	807781	21.081	ug/L	99
72) 1,2,3-Trichlorobenzene	14.323	180	386956	20.308	ug/L	100

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

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