

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011023\
 Data File : VU052643.D
 Acq On : 10 Jan 2023 14:36
 Operator : JC/MD
 Sample : VSTD00503
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005003

Quant Time: Jan 11 00:42:22 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	6.247	114	153207	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	149805	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	82893	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	73764	4.809	ug/L	0.00
7) Chloroethane-d5	1.916	69	59660	4.545	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	65	32206	4.857	ug/L	0.00
20) 2-Butanone-d5	4.639	46	202278	43.065	ug/L	0.00
24) Chloroform-d	5.060	84	138043	5.209	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.697	65	71954	4.754	ug/L	0.00
32) Benzene-d6	5.723	84	271427	5.225	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.687	67	87619	4.942	ug/L	0.00
41) Toluene-d8	7.893	98	246766	5.622	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.176	79	33771	5.473	ug/L	0.00
46) 2-Hexanone-d5	8.629	63	143015	44.341	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.751	84	68261	4.603	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.189	152	80762	4.802	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	88339	6.225	ug/L	100
3) Chloromethane	1.520	50	103253	5.199	ug/L	100
5) Vinyl chloride	1.604	62	98684	5.496	ug/L	100
6) Bromomethane	1.858	94	52665	5.160	ug/L	100
8) Chloroethane	1.935	64	60738	4.968	ug/L	100
9) Trichlorofluoromethane	2.141	101	122614	5.899	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	70628	5.768	ug/L	100
12) 1,1-Dichloroethene	2.581	96	67627	5.744	ug/L	100
13) Acetone	2.662	43	131418	38.709	ug/L	100
14) Carbon disulfide	2.793	76	242614	6.263	ug/L	100
15) Methyl Acetate	2.957	43	33949	4.421	ug/L	100
16) Methylene chloride	3.044	84	93470	5.539	ug/L	100
17) Methyl tert-butyl Ether	3.359	73	158020	5.136	ug/L	100
18) trans-1,2-Dichloroethene	3.353	96	71612	5.887	ug/L	100
19) 1,1-Dichloroethane	3.864	63	146880	5.611	ug/L	100
21) 2-Butanone	4.716	43	230486	45.405	ug/L	100
22) cis-1,2-Dichloroethene	4.662	96	76303	5.734	ug/L	100
23) Bromochloromethane	4.973	128	32997	5.454	ug/L	100
25) Chloroform	5.083	83	141923	5.563	ug/L	100
27) 1,2-Dichloroethane	5.790	62	89032	5.179	ug/L	100
29) 1,1,1-Trichloroethane	5.311	97	117654	6.015	ug/L	100
30) Cyclohexane	5.385	56	130091	6.148	ug/L	100
31) Carbon tetrachloride	5.523	117	98757	5.804	ug/L	100
33) Benzene	5.771	78	326010	5.878	ug/L	100
34) Trichloroethene	6.539	95	73953	5.720	ug/L	100
35) Methylcyclohexane	6.758	83	126500	6.364	ug/L	100
37) 1,2-Dichloropropane	6.787	63	86215	5.635	ug/L	100
38) Bromodichloromethane	7.102	83	99893	5.387	ug/L	100
39) cis-1,3-Dichloropropene	7.604	75	107921	5.561	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	516722	48.289	ug/L	100
42) Toluene	7.964	91	332453	6.220	ug/L	100
44) trans-1,3-Dichloropropene	8.205	75	95618	5.588	ug/L	100

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

45) 1,1,2-Trichloroethane	8.394	97	52673	4.983	ug/L	100
47) Tetrachloroethene	8.549	164	54683	6.003	ug/L	100
48) 2-Hexanone	8.681	43	381958	47.623	ug/L	100
49) Dibromochloromethane	8.806	129	63690	5.554	ug/L	100
50) 1,2-Dibromoethane	8.919	107	50302	5.204	ug/L	100
51) Chlorobenzene	9.443	112	195231	5.776	ug/L	100
52) Ethylbenzene	9.565	91	329463	5.970	ug/L	100
53) m,p-Xylene	9.690	106	128766	6.274	ug/L	100
54) o-Xylene	10.095	106	124356	6.322	ug/L	100
55) Styrene	10.111	104	217090	6.363	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.777	83	71758	4.916	ug/L	100
59) Bromoform	10.285	173	34528	4.782	ug/L	100
60) Isopropylbenzene	10.481	105	321023	5.876	ug/L	100
61) 1,2,3-Trichloropropane	10.819	75	51328	4.442	ug/L	100
62) 1,3,5-Trimethylbenzene	11.082	105	255492	5.677	ug/L	100
63) 1,2,4-Trimethylbenzene	11.462	105	258789	5.740	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	149732	5.560	ug/L	100
65) 1,4-Dichlorobenzene	11.832	146	149250	5.375	ug/L	100
67) 1,2-Dichlorobenzene	12.208	146	139076	5.261	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.989	75	11352	4.303	ug/L	100
69) 1,3,5-Trichlorobenzene	13.214	180	104544	5.310	ug/L	100
70) 1,2,4-trichlorobenzene	13.835	180	81877	4.980	ug/L	100
71) Naphthalene	14.082	128	139263	4.271	ug/L	100
72) 1,2,3-Trichlorobenzene	14.323	180	75544	4.659	ug/L	100

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

