

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090123\
 Data File : VU055038.D
 Acq On : 01 Sep 2023 13:41
 Operator : MD/SY
 Sample : VSTD00551
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005051

Quant Time: Sep 01 23:22:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 01 23:21:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	194952	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	194447	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	108600	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	46790	6.959	ug/L	0.00
7) Chloroethane-d5	1.907	69	53035	6.228	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	26586	6.957	ug/L	0.00
20) 2-Butanone-d5	4.628	46	137812	42.759	ug/L	0.00
24) Chloroform-d	5.062	84	126395	5.454	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.698	65	63581	5.216	ug/L	0.00
32) Benzene-d6	5.724	84	253968	5.646	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.689	67	77296	5.037	ug/L	0.00
41) Toluene-d8	7.894	98	234975	5.504	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.181	79	22813	4.635	ug/L	0.00
46) 2-Hexanone-d5	8.631	63	89956	39.200	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	56277	4.395	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	80797	4.736	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	63109	5.227	ug/L	100
3) Chloromethane	1.518	50	60199	4.799	ug/L	100
5) Vinyl chloride	1.602	62	62791	4.863	ug/L	100
6) Bromomethane	1.853	94	37991	4.719	ug/L	100
8) Chloroethane	1.930	64	41031	4.811	ug/L	100
9) Trichlorofluoromethane	2.136	101	93228	5.041	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	54574	5.354	ug/L	100
12) 1,1-Dichloroethene	2.576	96	47075	5.297	ug/L	100
13) Acetone	2.631	43	90740	49.838	ug/L	100
14) Carbon disulfide	2.792	76	113508	4.738	ug/L	100
15) Methyl Acetate	2.952	43	18397	5.017	ug/L	100
16) Methylene chloride	3.039	84	67577	4.822	ug/L	100
17) Methyl tert-butyl Ether	3.361	73	124505	4.885	ug/L	100
18) trans-1,2-Dichloroethene	3.351	96	47912	4.986	ug/L	100
19) 1,1-Dichloroethane	3.866	63	104431	5.171	ug/L	100
21) 2-Butanone	4.705	43	137694	49.558	ug/L	100
22) cis-1,2-Dichloroethene	4.663	96	57539	5.079	ug/L	100
23) Bromochloromethane	4.972	128	24755	5.019	ug/L	100
25) Chloroform	5.084	83	112083	5.073	ug/L	100
27) 1,2-Dichloroethane	5.792	62	65952	4.888	ug/L	100
29) 1,1,1-Trichloroethane	5.312	97	90295	4.736	ug/L	100
30) Cyclohexane	5.383	56	79508	4.753	ug/L	100
31) Carbon tetrachloride	5.521	117	76327	4.719	ug/L	100
33) Benzene	5.769	78	224025	4.927	ug/L	100
34) Trichloroethene	6.541	95	60050	4.800	ug/L	100
35) Methylcyclohexane	6.763	83	85694	4.656	ug/L	100
37) 1,2-Dichloropropane	6.788	63	61709	4.865	ug/L	100
38) Bromodichloromethane	7.103	83	71787	4.615	ug/L	100
39) cis-1,3-Dichloropropene	7.605	75	84265	4.686	ug/L	100
40) 4-Methyl-2-pentanone	7.788	43	334706	47.490	ug/L	100
42) Toluene	7.965	91	236849	4.743	ug/L	100
44) trans-1,3-Dichloropropene	8.209	75	66547	4.506	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.396	97	40595	4.813	ug/L	100
47) Tetrachloroethene	8.550	164	42001	4.682	ug/L	100
48) 2-Hexanone	8.682	43	251535	47.986	ug/L	100
49) Dibromochloromethane	8.807	129	44118	4.488	ug/L	100
50) 1,2-Dibromoethane	8.920	107	37802	4.644	ug/L	100
51) Chlorobenzene	9.444	112	153889	4.714	ug/L	100
52) Ethylbenzene	9.566	91	264815	4.713	ug/L	100
53) m,p-Xylene	9.692	106	98170	4.668	ug/L	100
54) o-Xylene	10.097	106	96536	4.763	ug/L	100
55) Styrene	10.113	104	159687	4.794	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.778	83	52175	4.913	ug/L	100
59) Bromoform	10.290	173	22472	4.288	ug/L	100
60) Isopropylbenzene	10.483	105	265822	4.690	ug/L	100
61) 1,2,3-Trichloropropane	10.820	75	37581	4.705	ug/L	100
62) 1,3,5-Trimethylbenzene	11.087	105	219103	4.532	ug/L	100
63) 1,2,4-Trimethylbenzene	11.467	105	205884	4.598	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	123742	4.667	ug/L	100
65) 1,4-Dichlorobenzene	11.833	146	120202	4.548	ug/L	100
67) 1,2-Dichlorobenzene	12.209	146	111200	4.625	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.994	75	7017	4.614	ug/L	100
69) 1,3,5-Trichlorobenzene	13.216	180	85455	4.801	ug/L	100
70) 1,2,4-trichlorobenzene	13.839	180	68242	4.855	ug/L	100
71) Naphthalene	14.084	128	103933	4.862	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	59043	5.013	ug/L	100

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

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