

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032423\
 Data File : VU053389.D
 Acq On : 24 Mar 2023 13:31
 Operator : JC/MD
 Sample : VSTD01016
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010016

Quant Time: Mar 24 22:45:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 24 22:43:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	145889	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	138001	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	74892	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	111553	14.315	ug/L	0.00
7) Chloroethane-d5	1.912	69	100229	13.839	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	65	47376	13.328	ug/L	0.00
20) 2-Butanone-d5	4.636	46	264002	119.455	ug/L	0.00
24) Chloroform-d	5.057	84	210812	12.423	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.697	65	105812	12.245	ug/L	0.00
32) Benzene-d6	5.723	84	432384	12.998	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.687	67	130560	11.531	ug/L	0.00
41) Toluene-d8	7.893	98	404400	13.196	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.173	79	52296	11.585	ug/L	0.00
46) 2-Hexanone-d5	8.629	63	217576	110.221	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.751	84	112577	11.729	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.189	152	145386	12.194	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	109305	10.205	ug/L	100
3) Chloromethane	1.517	50	107897	9.789	ug/L	99
5) Vinyl chloride	1.604	62	122819	10.155	ug/L	99
6) Bromomethane	1.858	94	79043	10.486	ug/L	96
8) Chloroethane	1.935	64	71713	9.909	ug/L	96
9) Trichlorofluoromethane	2.138	101	190366	11.073	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	96587	10.362	ug/L	98
12) 1,1-Dichloroethene	2.578	96	87892	10.256	ug/L	93
13) Acetone	2.655	43	130105	85.247	ug/L #	50
14) Carbon disulfide	2.790	76	258645	10.145	ug/L	98
15) Methyl Acetate	2.954	43	34114	9.521	ug/L	97
16) Methylene chloride	3.044	84	95781	9.617	ug/L	98
17) Methyl tert-butyl Ether	3.359	73	213853	9.408	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	88323	9.708	ug/L	98
19) 1,1-Dichloroethane	3.864	63	165676	9.787	ug/L	97
21) 2-Butanone	4.713	43	217313	97.701	ug/L	99
22) cis-1,2-Dichloroethene	4.662	96	101149	9.844	ug/L	95
23) Bromochloromethane	4.970	128	44408	11.019	ug/L	95
25) Chloroform	5.083	83	171602	9.723	ug/L	97
27) 1,2-Dichloroethane	5.787	62	108941	10.040	ug/L	98
29) 1,1,1-Trichloroethane	5.311	97	146364	9.204	ug/L	98
30) Cyclohexane	5.385	56	155099	9.635	ug/L	98
31) Carbon tetrachloride	5.520	117	123341	9.330	ug/L	98
33) Benzene	5.768	78	388415	9.983	ug/L	100
34) Trichloroethene	6.536	95	100799	9.224	ug/L	94
35) Methylcyclohexane	6.758	83	176245	9.850	ug/L	98
37) 1,2-Dichloropropane	6.787	63	101237	9.577	ug/L	99
38) Bromodichloromethane	7.099	83	116770	8.687	ug/L #	98
39) cis-1,3-Dichloropropene	7.604	75	153005	9.223	ug/L	98
40) 4-Methyl-2-pentanone	7.787	43	514016	94.089	ug/L	99
42) Toluene	7.964	91	425000	10.004	ug/L	98
44) trans-1,3-Dichloropropene	8.205	75	127371	9.273	ug/L	99

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45) 1,1,2-Trichloroethane	8.395	97	74445	9.736	ug/L	93
47) Tetrachloroethene	8.549	164	73966	10.244	ug/L	95
48) 2-Hexanone	8.681	43	376871	93.529	ug/L	99
49) Dibromochloromethane	8.806	129	76163	9.341	ug/L	99
50) 1,2-Dibromoethane	8.919	107	72465	10.263	ug/L #	98
51) Chlorobenzene	9.443	112	268051	10.083	ug/L	99
52) Ethylbenzene	9.565	91	472433	9.886	ug/L	97
53) m,p-Xylene	9.690	106	183040	10.174	ug/L	99
54) o-Xylene	10.095	106	174444	10.047	ug/L	97
55) Styrene	10.108	104	290419	10.369	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.777	83	95771	9.945	ug/L	97
59) Bromoform	10.285	173	40931	8.102	ug/L	99
60) Isopropylbenzene	10.478	105	475695	9.093	ug/L	98
61) 1,2,3-Trichloropropane	10.819	75	65354	9.333	ug/L	98
62) 1,3,5-Trimethylbenzene	11.083	105	389964	8.851	ug/L	100
63) 1,2,4-Trimethylbenzene	11.462	105	400728	9.075	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	209152	9.721	ug/L	100
65) 1,4-Dichlorobenzene	11.832	146	205153	9.506	ug/L	96
67) 1,2-Dichlorobenzene	12.208	146	197517	9.832	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.992	75	13458	8.558	ug/L	90
69) 1,3,5-Trichlorobenzene	13.214	180	142440	9.373	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	120535	9.609	ug/L	98
71) Naphthalene	14.082	128	237179	9.534	ug/L	99
72) 1,2,3-Trichlorobenzene	14.324	180	107921	9.788	ug/L	99

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

