

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051823\
 Data File : VU054160.D
 Acq On : 18 May 2023 11:23
 Operator : JC/MD
 Sample : VSTD02029
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020029

Quant Time: May 19 01:42:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 19 01:39:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	188903	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	183688	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	105038	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	203491	18.316	ug/L	0.00
7) Chloroethane-d5	1.912	69	153932	16.611	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.562	65	93548	19.878	ug/L	0.00
20) 2-Butanone-d5	4.626	46	384731	187.204	ug/L	0.00
24) Chloroform-d	5.057	84	388641	18.359	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.693	65	175743	18.022	ug/L	0.00
32) Benzene-d6	5.722	84	757756	18.107	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.684	67	216406	17.134	ug/L	0.00
41) Toluene-d8	7.893	98	715796	18.251	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.172	79	93457	18.536	ug/L	0.00
46) 2-Hexanone-d5	8.629	63	304804	177.169	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.751	84	159696	15.722	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.188	152	259035	15.777	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	293195	20.935	ug/L	99
3) Chloromethane	1.517	50	263376	19.499	ug/L	100
5) Vinyl chloride	1.604	62	295231	19.241	ug/L	99
6) Bromomethane	1.858	94	177484	18.022	ug/L	98
8) Chloroethane	1.935	64	172224	17.927	ug/L	97
9) Trichlorofluoromethane	2.134	101	463659	20.051	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	272732	20.205	ug/L	98
12) 1,1-Dichloroethene	2.575	96	238345	20.080	ug/L	90
13) Acetone	2.645	43	486414	260.046	ug/L	96
14) Carbon disulfide	2.790	76	630643	19.783	ug/L	100
15) Methyl Acetate	2.951	43	93781	24.262	ug/L	98
16) Methylene chloride	3.041	84	271477	16.821	ug/L	98
17) Methyl tert-butyl Ether	3.356	73	633608	23.887	ug/L	100
18) trans-1,2-Dichloroethene	3.349	96	249090	20.698	ug/L	99
19) 1,1-Dichloroethane	3.861	63	488589	22.129	ug/L	96
21) 2-Butanone	4.706	43	695286	271.208	ug/L	99
22) cis-1,2-Dichloroethene	4.658	96	293459	21.464	ug/L	98
23) Bromochloromethane	4.967	128	126837	20.982	ug/L	96
25) Chloroform	5.083	83	519608	21.695	ug/L	97
27) 1,2-Dichloroethane	5.787	62	307358	22.248	ug/L	100
29) 1,1,1-Trichloroethane	5.311	97	461540	21.811	ug/L	100
30) Cyclohexane	5.382	56	406953	21.942	ug/L	98
31) Carbon tetrachloride	5.520	117	414504	22.601	ug/L	100
33) Benzene	5.767	78	1070743	20.621	ug/L	100
34) Trichloroethene	6.536	95	293759	20.841	ug/L	99
35) Methylcyclohexane	6.758	83	447750	20.930	ug/L	96
37) 1,2-Dichloropropane	6.783	63	278077	21.345	ug/L	99
38) Bromodichloromethane	7.099	83	364848	22.303	ug/L	99
39) cis-1,3-Dichloropropene	7.600	75	440774	22.287	ug/L	99
40) 4-Methyl-2-pentanone	7.787	43	1504656	245.612	ug/L	100
42) Toluene	7.963	91	1155625	20.969	ug/L	97
44) trans-1,3-Dichloropropene	8.205	75	369764	23.095	ug/L	96

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45) 1,1,2-Trichloroethane	8.394	97	198154	20.488	ug/L	98
47) Tetrachloroethene	8.549	164	237673	21.080	ug/L	99
48) 2-Hexanone	8.680	43	1137592	243.263	ug/L	100
49) Dibromochloromethane	8.803	129	235624	22.695	ug/L	99
50) 1,2-Dibromoethane	8.918	107	188977	21.072	ug/L	100
51) Chlorobenzene	9.443	112	762396	20.305	ug/L	99
52) Ethylbenzene	9.565	91	1343927	22.043	ug/L	99
53) m,p-Xylene	9.687	106	513856	22.035	ug/L	99
54) o-Xylene	10.095	106	499011	22.136	ug/L	100
55) Styrene	10.108	104	853439	23.073	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.777	83	240172	20.587	ug/L	99
59) Bromoform	10.285	173	143883	23.280	ug/L	99
60) Isopropylbenzene	10.478	105	1382395	21.696	ug/L	100
61) 1,2,3-Trichloropropane	10.815	75	170066	20.668	ug/L	99
62) 1,3,5-Trimethylbenzene	11.082	105	1178531	22.673	ug/L	100
63) 1,2,4-Trimethylbenzene	11.462	105	1205386	22.914	ug/L	99
64) 1,3-Dichlorobenzene	11.738	146	660691	20.734	ug/L	100
65) 1,4-Dichlorobenzene	11.831	146	658127	20.428	ug/L	99
67) 1,2-Dichlorobenzene	12.204	146	614808	20.762	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.989	75	39040	22.648	ug/L #	81
69) 1,3,5-Trichlorobenzene	13.214	180	530082	22.867	ug/L	100
70) 1,2,4-trichlorobenzene	13.835	180	454879	21.577	ug/L	99
71) Naphthalene	14.079	128	725774	19.970	ug/L	99
72) 1,2,3-Trichlorobenzene	14.323	180	392531	20.823	ug/L	99

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

