

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032423\
 Data File : VU053387.D
 Acq On : 24 Mar 2023 12:43
 Operator : JC/MD
 Sample : VSTD00114
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001014

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/27/2023
 Supervised By :Mahesh Dadoda 03/27/2023

Quant Time: Mar 24 22:44:37 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	6.243	114	141925	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	127740	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	64175	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	8724	1.151	ug/L	0.00
7) Chloroethane-d5	1.912	69	8281	1.175	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	65	3796	1.098	ug/L	0.00
20) 2-Butanone-d5	4.648	46	20088	9.343	ug/L	0.00
24) Chloroform-d	5.063	84	17280	1.047	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.697	65	8646	1.029	ug/L	0.00
32) Benzene-d6	5.726	84	35503	1.153	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.687	67	11402	1.088	ug/L	0.00
41) Toluene-d8	7.896	98	31971	1.127	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	3955	0.947	ug/L	0.00
46) 2-Hexanone-d5	8.632	63	15421	8.440	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.751	84	8307	0.935	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	10565	1.034	ug/L	0.00
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	10252	0.984	ug/L	99
3) Chloromethane	1.517	50	10179	0.949	ug/L	97
5) Vinyl chloride	1.604	62	12160	1.033	ug/L	98
6) Bromomethane	1.858	94	7182	0.979	ug/L	99
8) Chloroethane	1.935	64	6811	0.967	ug/L	96
9) Trichlorofluoromethane	2.137	101	17746	1.061	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	9179	1.012	ug/L	95
12) 1,1-Dichloroethene	2.578	96	7974	0.956	ug/L	94
13) Acetone	2.655	43	14906m	10.039	ug/L	
14) Carbon disulfide	2.790	76	23706	0.956	ug/L	96
15) Methyl Acetate	2.960	43	3145m	0.902	ug/L	
16) Methylene chloride	3.044	84	12562	1.296	ug/L	97
17) Methyl tert-butyl Ether	3.362	73	18971	0.858	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	8401	0.949	ug/L	95
19) 1,1-Dichloroethane	3.870	63	15683	0.952	ug/L	98
21) 2-Butanone	4.726	43	22058m	10.194	ug/L	
22) cis-1,2-Dichloroethene	4.671	96	12542	1.255	ug/L	94
23) Bromochloromethane	4.967	128	3823	0.975	ug/L	90
25) Chloroform	5.086	83	16137	0.940	ug/L	92
27) 1,2-Dichloroethane	5.793	62	9956	0.943	ug/L #	90
29) 1,1,1-Trichloroethane	5.311	97	12818	0.871	ug/L	96
30) Cyclohexane	5.382	56	13850	0.930	ug/L	98
31) Carbon tetrachloride	5.523	117	11017	0.900	ug/L	98
33) Benzene	5.771	78	36028	1.000	ug/L	100
34) Trichloroethene	6.539	95	9584	0.947	ug/L	96
35) Methylcyclohexane	6.761	83	16519	0.997	ug/L	99
37) 1,2-Dichloropropane	6.790	63	9297	0.950	ug/L #	95
38) Bromodichloromethane	7.105	83	10392	0.835	ug/L	98
39) cis-1,3-Dichloropropene	7.603	75	12965	0.844	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	45422	8.982	ug/L	98
42) Toluene	7.967	91	37724	0.959	ug/L	95
44) trans-1,3-Dichloropropene	8.208	75	10433	0.821	ug/L	87

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.401	97	6412	0.906	ug/L #	84
47) Tetrachloroethene	8.549	164	6841	1.024	ug/L	96
48) 2-Hexanone	8.687	43	33968	9.107	ug/L	97
49) Dibromochloromethane	8.806	129	6491	0.860	ug/L	94
50) 1,2-Dibromoethane	8.922	107	6214	0.951	ug/L #	96
51) Chlorobenzene	9.446	112	23469	0.954	ug/L	95
52) Ethylbenzene	9.568	91	40787	0.922	ug/L	92
53) m,p-Xylene	9.690	106	15323	0.920	ug/L	95
54) o-Xylene	10.098	106	14562	0.906	ug/L	92
55) Styrene	10.114	104	23134	0.892	ug/L	88
57) 1,1,2,2-Tetrachloroethane	10.777	83	8211	0.921	ug/L	96
59) Bromoform	10.285	173	3044	0.703	ug/L #	94
60) Isopropylbenzene	10.481	105	40203	0.897	ug/L	97
61) 1,2,3-Trichloropropane	10.822	75	5490	0.915	ug/L	94
62) 1,3,5-Trimethylbenzene	11.086	105	31306	0.829	ug/L	98
63) 1,2,4-Trimethylbenzene	11.465	105	31540	0.834	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	17956	0.974	ug/L	95
65) 1,4-Dichlorobenzene	11.835	146	17530	0.948	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	16541	0.961	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.995	75	767	0.569	ug/L #	81
69) 1,3,5-Trichlorobenzene	13.217	180	12035	0.924	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	8584	0.799	ug/L	95
71) Naphthalene	14.085	128	16028	0.752	ug/L	98
72) 1,2,3-Trichlorobenzene	14.327	180	7476	0.791	ug/L	92

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

