

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110723\
 Data File : VU056088.D
 Acq On : 07 Nov 2023 08:56
 Operator : MD/SY
 Sample : VSTD0.573
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5073

Quant Time: Nov 08 00:15:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 08 00:14:39 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/08/2023
 Supervised By :Semsettin Yesilyurt 11/08/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	369978	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	369718	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	162371	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	11593	0.505	ug/L	0.00
7) Chloroethane-d5	1.911	69	7910	0.508	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	5271	0.521	ug/L	0.00
20) 2-Butanone-d5	4.650	46	17435m	4.858	ug/L	0.03
24) Chloroform-d	5.065	84	21457	0.491	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.705	65	9616	0.500	ug/L	0.00
32) Benzene-d6	5.724	84	41424	0.467	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.689	67	12348	0.472	ug/L	0.00
41) Toluene-d8	7.898	98	36957	0.454	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.187	79	4696	0.470	ug/L	0.00
46) 2-Hexanone-d5	8.634	63	12314m	3.788	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.756	84	8918	0.478	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.193	152	13663	0.546	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	14732	0.470	ug/L	100
3) Chloromethane	1.518	50	14780	0.503	ug/L	97
5) Vinyl chloride	1.602	62	14404	0.474	ug/L #	74
6) Bromomethane	1.853	94	8774	0.502	ug/L	92
8) Chloroethane	1.930	64	7846	0.476	ug/L	100
9) Trichlorofluoromethane	2.136	101	18948	0.471	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	12143	0.474	ug/L	98
12) 1,1-Dichloroethene	2.576	96	10929	0.460	ug/L	90
13) Acetone	2.634	43	14326	5.156	ug/L	96
14) Carbon disulfide	2.788	76	38363	0.473	ug/L	100
15) Methyl Acetate	2.956	43	3876	0.494	ug/L #	77
16) Methylene chloride	3.042	84	14235	0.522	ug/L	100
17) Methyl tert-butyl Ether	3.358	73	24124	0.450	ug/L	97
18) trans-1,2-Dichloroethene	3.348	96	11843	0.470	ug/L	91
19) 1,1-Dichloroethane	3.866	63	21211	0.461	ug/L	97
21) 2-Butanone	4.727	43	20924	4.566	ug/L	85
22) cis-1,2-Dichloroethene	4.669	96	11807	0.434	ug/L	93
23) Bromochloromethane	4.975	128	5923	0.491	ug/L #	88
25) Chloroform	5.081	83	24729	0.505	ug/L	99
27) 1,2-Dichloroethane	5.795	62	13160	0.475	ug/L	99
29) 1,1,1-Trichloroethane	5.316	97	19374	0.457	ug/L	99
30) Cyclohexane	5.386	56	16552	0.418	ug/L	95
31) Carbon tetrachloride	5.521	117	17185	0.457	ug/L	98
33) Benzene	5.772	78	45560	0.430	ug/L	100
34) Trichloroethene	6.541	95	13059	0.452	ug/L	99
35) Methylcyclohexane	6.759	83	18589	0.433	ug/L	98
37) 1,2-Dichloropropane	6.788	63	12355	0.449	ug/L #	91
38) Bromodichloromethane	7.103	83	17139	0.499	ug/L	90
39) cis-1,3-Dichloropropene	7.608	75	16592	0.427	ug/L	100
40) 4-Methyl-2-pentanone	7.788	43	51301	4.260	ug/L	97
42) Toluene	7.968	91	48196	0.432	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) trans-1,3-Dichloropropene	8.213	75	13581	0.432	ug/L	96
45) 1,1,2-Trichloroethane	8.396	97	8854	0.470	ug/L	94
47) Tetrachloroethene	8.550	164	9538	0.439	ug/L	91
48) 2-Hexanone	8.685	43	37579m	4.362	ug/L	
49) Dibromochloromethane	8.804	129	9929	0.460	ug/L	91
50) 1,2-Dibromoethane	8.923	107	7949	0.452	ug/L #	95
51) Chlorobenzene	9.444	112	32710	0.454	ug/L	97
52) Ethylbenzene	9.570	91	51064	0.420	ug/L	98
53) m,p-Xylene	9.695	106	18255	0.395	ug/L	93
54) o-Xylene	10.100	106	17639	0.398	ug/L	93
55) Styrene	10.116	104	26366	0.363	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.778	83	9971	0.451	ug/L	97
59) Bromoform	10.290	173	5549	0.492	ug/L	97
60) Isopropylbenzene	10.483	105	46355	0.440	ug/L	97
61) 1,2,3-Trichloropropane	10.823	75	7195	0.513	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	35876	0.420	ug/L	98
63) 1,2,4-Trimethylbenzene	11.467	105	34983	0.418	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	23570	0.473	ug/L	96
65) 1,4-Dichlorobenzene	11.833	146	24138	0.490	ug/L	95
67) 1,2-Dichlorobenzene	12.213	146	21515	0.468	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.997	75	1318	0.446	ug/L	90
69) 1,3,5-Trichlorobenzene	13.219	180	17520	0.469	ug/L	97
70) 1,2,4-trichlorobenzene	13.843	180	12965	0.438	ug/L	93
71) Naphthalene	14.090	128	18753m	0.434	ug/L	
72) 1,2,3-Trichlorobenzene	14.328	180	11662	0.449	ug/L	95

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