

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111323\
 Data File : VU056251.D
 Acq On : 13 Nov 2023 14:26
 Operator : MD/SY
 Sample : VSTD0.579
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5079

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/15/2023
 Supervised By :Mahesh Dadoda 11/17/2023

Quant Time: Nov 13 23:29:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 13 23:28:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	328366	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	315447	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	139068	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	12637	0.515	ug/L	0.00
7) Chloroethane-d5	1.911	69	10017	0.532	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	5238	0.483	ug/L	0.00
20) 2-Butanone-d5	4.637	46	23018m	4.772	ug/L	0.02
24) Chloroform-d	5.058	84	23160	0.488	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.701	65	10535	0.480	ug/L	0.00
32) Benzene-d6	5.724	84	45551	0.485	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	14113	0.498	ug/L	0.00
41) Toluene-d8	7.894	98	38554	0.465	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.180	79	5278	0.486	ug/L	0.00
46) 2-Hexanone-d5	8.634	63	17119	4.010	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.749	84	9356	0.462	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	14771	0.575	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	10685	0.411	ug/L	99
3) Chloromethane	1.518	50	12063	0.454	ug/L	98
5) Vinyl chloride	1.602	62	10363	0.405	ug/L	95
6) Bromomethane	1.856	94	5342	0.412	ug/L	86
8) Chloroethane	1.930	64	7781	0.497	ug/L	99
9) Trichlorofluoromethane	2.136	101	15086	0.409	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	9268	0.423	ug/L	99
12) 1,1-Dichloroethene	2.576	96	7876	0.392	ug/L	83
14) Carbon disulfide	2.788	76	28042	0.429	ug/L	99
15) Methyl Acetate	2.959	43	3186m	0.447	ug/L	
16) Methylene chloride	3.042	84	15960	0.600	ug/L	92
17) Methyl tert-butyl Ether	3.357	73	19744	0.404	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	8411	0.407	ug/L	84
19) 1,1-Dichloroethane	3.865	63	16745	0.409	ug/L	92
21) 2-Butanone	4.717	43	23140m	4.424	ug/L	
22) cis-1,2-Dichloroethene	4.660	96	9089	0.388	ug/L	95
23) Bromochloromethane	4.968	128	4023	0.417	ug/L	87
25) Chloroform	5.087	83	20578	0.464	ug/L	98
27) 1,2-Dichloroethane	5.791	62	10600	0.421	ug/L	96
29) 1,1,1-Trichloroethane	5.306	97	14327	0.396	ug/L	97
30) Cyclohexane	5.383	56	13434	0.391	ug/L	93
31) Carbon tetrachloride	5.521	117	12473	0.401	ug/L	97
33) Benzene	5.775	78	36382	0.404	ug/L	100
34) Trichloroethene	6.541	95	10838	0.442	ug/L	94
35) Methylcyclohexane	6.759	83	12608	0.356	ug/L	93
37) 1,2-Dichloropropane	6.788	63	9493	0.404	ug/L #	95
38) Bromodichloromethane	7.103	83	13576	0.448	ug/L	93
39) cis-1,3-Dichloropropene	7.605	75	13387	0.388	ug/L	97
40) 4-Methyl-2-pentanone	7.788	43	44673	3.839	ug/L	97
42) Toluene	7.968	91	35916	0.385	ug/L	98
44) trans-1,3-Dichloropropene	8.213	75	10568	0.384	ug/L	92
45) 1,1,2-Trichloroethane	8.399	97	6238	0.399	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Tetrachloroethene	8.550	164	6760	0.409	ug/L	92
48) 2-Hexanone	8.685	43	35390	3.904	ug/L	94
49) Dibromochloromethane	8.804	129	7351	0.414	ug/L	96
50) 1,2-Dibromoethane	8.920	107	6205	0.420	ug/L	95
51) Chlorobenzene	9.444	112	25097	0.419	ug/L	95
52) Ethylbenzene	9.569	91	39534	0.382	ug/L	97
53) m,p-Xylene	9.692	106	13450	0.354	ug/L	95
54) o-Xylene	10.100	106	14110	0.382	ug/L	85
55) Styrene	10.116	104	19022	0.309	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.778	83	7391	0.387	ug/L #	99
59) Bromoform	10.286	173	3414	0.394	ug/L #	90
60) Isopropylbenzene	10.483	105	35548	0.396	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	5141	0.431	ug/L	94
62) 1,3,5-Trimethylbenzene	11.084	105	27804	0.378	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	26804	0.369	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	16764	0.411	ug/L	95
65) 1,4-Dichlorobenzene	11.833	146	18390	0.449	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	16059	0.429	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.997	75	1239	0.486	ug/L #	74
69) 1,3,5-Trichlorobenzene	13.216	180	14007	0.456	ug/L	99
70) 1,2,4-trichlorobenzene	13.839	180	10953	0.438	ug/L	91
72) 1,2,3-Trichlorobenzene	14.328	180	9275	0.450	ug/L	100

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

