

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020425\
 Data File : VU063116.D
 Acq On : 04 Feb 2025 12:13
 Operator : MD/SY
 Sample : VSTD0.580
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5080

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/06/2025
 Supervised By :Semsettin Yesilyurt 02/06/2025

Quant Time: Feb 05 07:28:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 05 07:27:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	174097	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	163452	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	71278	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	5036	0.436	ug/L	0.00
7) Chloroethane-d5	1.901	69	4583	0.471	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.554	65	2235	0.442	ug/L	0.00
20) 2-Butanone-d5	4.634	46	14344m	5.097	ug/L	0.03
24) Chloroform-d	5.052	84	10360	0.438	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	5366	0.482	ug/L	0.00
32) Benzene-d6	5.721	84	20678	0.449	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	6843	0.449	ug/L	0.00
41) Toluene-d8	7.891	98	17297	0.419	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.177	79	2434	0.429	ug/L	0.00
46) 2-Hexanone-d5	8.631	63	10210	4.082	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	5571	0.443	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	6018	0.481	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.377	85	8234	0.707	ug/L	99
3) Chloromethane	1.518	50	8599	0.613	ug/L	99
5) Vinyl chloride	1.599	62	8441	0.577	ug/L	98
6) Bromomethane	1.843	94	4211	0.535	ug/L	97
8) Chloroethane	1.923	64	5389	0.620	ug/L	95
9) Trichlorofluoromethane	2.129	101	9760	0.516	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	6453	0.536	ug/L	96
12) 1,1-Dichloroethene	2.570	96	5771	0.518	ug/L	95
13) Acetone	2.618	43	10762	6.344	ug/L	96
14) Carbon disulfide	2.782	76	21219	0.630	ug/L	99
15) Methyl Acetate	2.946	43	2712	0.605	ug/L #	85
16) Methylene chloride	3.033	84	7308	0.567	ug/L	92
17) Methyl tert-butyl Ether	3.354	73	15186	0.514	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	6207	0.548	ug/L	93
19) 1,1-Dichloroethane	3.853	63	12522	0.548	ug/L	94
21) 2-Butanone	4.708	43	14983	5.376	ug/L	100
22) cis-1,2-Dichloroethene	4.656	96	6302	0.463	ug/L	94
23) Bromochloromethane	4.968	128	2955	0.513	ug/L	91
25) Chloroform	5.078	83	12359	0.524	ug/L	95
27) 1,2-Dichloroethane	5.788	62	7836	0.555	ug/L #	75
29) 1,1,1-Trichloroethane	5.300	97	9949	0.521	ug/L	97
30) Cyclohexane	5.380	56	10058	0.556	ug/L	96
31) Carbon tetrachloride	5.512	117	8450	0.518	ug/L	98
33) Benzene	5.766	78	27768	0.538	ug/L	100
34) Trichloroethene	6.537	95	7267	0.536	ug/L	95
35) Methylcyclohexane	6.753	83	10732	0.553	ug/L	99
37) 1,2-Dichloropropane	6.782	63	7063	0.513	ug/L #	93
38) Bromodichloromethane	7.100	83	8880	0.524	ug/L #	96
39) cis-1,3-Dichloropropene	7.602	75	9689	0.485	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	38323	5.347	ug/L	98
42) Toluene	7.962	91	27418	0.504	ug/L	96
44) trans-1,3-Dichloropropene	8.209	75	7764	0.470	ug/L	99

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45) 1,1,2-Trichloroethane	8.393	97	5314	0.516	ug/L	90
47) Tetrachloroethene	8.547	164	5002	0.536	ug/L	84
48) 2-Hexanone	8.679	43	25378	5.070	ug/L	94
49) Dibromochloromethane	8.801	129	5309	0.477	ug/L	99
50) 1,2-Dibromoethane	8.917	107	4476	0.474	ug/L #	97
51) Chlorobenzene	9.441	112	17554	0.531	ug/L	99
52) Ethylbenzene	9.563	91	28032	0.487	ug/L	100
53) m,p-Xylene	9.688	106	9744	0.459	ug/L	99
54) o-Xylene	10.094	106	9878	0.476	ug/L	93
55) Styrene	10.113	104	15200	0.437	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	6535	0.501	ug/L #	95
59) Bromoform	10.286	173	3183	0.528	ug/L #	97
60) Isopropylbenzene	10.476	105	25631	0.507	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	4703	0.601	ug/L	96
62) 1,3,5-Trimethylbenzene	11.081	105	19264	0.485	ug/L	96
63) 1,2,4-Trimethylbenzene	11.463	105	17386	0.463	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	12553	0.550	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	12402	0.536	ug/L	97
67) 1,2-Dichlorobenzene	12.209	146	10870	0.499	ug/L	92
68) 1,2-Dibromo-3-chloropr...	12.991	75	740	0.575	ug/L #	73
69) 1,3,5-Trichlorobenzene	13.216	180	8343	0.550	ug/L	98
70) 1,2,4-trichlorobenzene	13.843	180	5928	0.557	ug/L	97
71) Naphthalene	14.097	128	9013m	0.567	ug/L	
72) 1,2,3-Trichlorobenzene	14.331	180	5058	0.531	ug/L	99

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

