

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121123\
 Data File : VU056721.D
 Acq On : 11 Dec 2023 10:09
 Operator : MD/SY
 Sample : VSTD0.505
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5005

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/12/2023
 Supervised By :Semsettin Yesilyurt 12/12/2023

Quant Time: Dec 12 00:37:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 12 00:37:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	257056	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	262548	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	115559	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	9994	0.454	ug/L	0.00
7) Chloroethane-d5	1.911	69	7164	0.434	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.566	65	4046	0.429	ug/L	0.00
20) 2-Butanone-d5	4.653	46	16406m	3.770	ug/L	0.04
24) Chloroform-d	5.058	84	17368	0.416	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.705	65	8090	0.410	ug/L	0.00
32) Benzene-d6	5.727	84	31206	0.383	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.688	67	10050	0.394	ug/L	0.00
41) Toluene-d8	7.897	98	27387	0.376	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.180	79	3790	0.383	ug/L	0.00
46) 2-Hexanone-d5	8.637	63	12039m	3.260	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	7571	0.411	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.193	152	10846	0.477	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	14348	0.533	ug/L	94
3) Chloromethane	1.518	50	14329	0.541	ug/L	93
5) Vinyl chloride	1.602	62	13599	0.517	ug/L #	80
6) Bromomethane	1.856	94	8604	0.555	ug/L	95
8) Chloroethane	1.933	64	8280	0.537	ug/L	98
9) Trichlorofluoromethane	2.136	101	19162	0.517	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	11435	0.503	ug/L	99
12) 1,1-Dichloroethene	2.579	96	10838	0.519	ug/L	89
13) Acetone	2.634	43	13768	5.192	ug/L	96
14) Carbon disulfide	2.791	76	38712	0.535	ug/L	100
15) Methyl Acetate	2.959	43	3446m	0.477	ug/L	
16) Methylene chloride	3.042	84	12543	0.552	ug/L	94
17) Methyl tert-butyl Ether	3.354	73	21882	0.473	ug/L #	90
18) trans-1,2-Dichloroethene	3.354	96	10291	0.486	ug/L	99
19) 1,1-Dichloroethane	3.865	63	19861	0.488	ug/L	93
21) 2-Butanone	4.724	43	21289m	4.989	ug/L	
22) cis-1,2-Dichloroethene	4.666	96	11012	0.478	ug/L	93
23) Bromochloromethane	4.975	128	4785	0.497	ug/L	93
25) Chloroform	5.084	83	22398	0.525	ug/L	99
27) 1,2-Dichloroethane	5.795	62	12863	0.510	ug/L	99
29) 1,1,1-Trichloroethane	5.312	97	18536	0.488	ug/L	98
30) Cyclohexane	5.386	56	16170	0.454	ug/L	97
31) Carbon tetrachloride	5.524	117	15998	0.485	ug/L	97
33) Benzene	5.772	78	43869	0.475	ug/L	100
34) Trichloroethene	6.544	95	12577	0.497	ug/L	94
35) Methylcyclohexane	6.759	83	17651	0.473	ug/L	99
37) 1,2-Dichloropropane	6.788	63	11598	0.491	ug/L	98
38) Bromodichloromethane	7.103	83	14576	0.484	ug/L	93
39) cis-1,3-Dichloropropene	7.608	75	15715	0.457	ug/L	98
40) 4-Methyl-2-pentanone	7.791	43	52840	4.715	ug/L	100
42) Toluene	7.968	91	42936	0.450	ug/L	94
44) trans-1,3-Dichloropropene	8.213	75	12885	0.457	ug/L	96

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

45) 1,1,2-Trichloroethane	8.399	97	7673	0.481	ug/L	98
47) Tetrachloroethene	8.550	164	8674	0.490	ug/L	96
48) 2-Hexanone	8.685	43	38233	4.790	ug/L	97
49) Dibromochloromethane	8.807	129	8768	0.478	ug/L	98
50) 1,2-Dibromoethane	8.923	107	6886	0.465	ug/L #	95
51) Chlorobenzene	9.444	112	29986	0.493	ug/L	99
52) Ethylbenzene	9.569	91	47223	0.448	ug/L	98
53) m,p-Xylene	9.695	106	17062	0.435	ug/L	97
54) o-Xylene	10.100	106	16262	0.435	ug/L	95
55) Styrene	10.116	104	25674	0.418	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.782	83	10089	0.523	ug/L #	90
59) Bromoform	10.293	173	4995	0.529	ug/L	99
60) Isopropylbenzene	10.483	105	43312	0.474	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	7028	0.566	ug/L	97
62) 1,3,5-Trimethylbenzene	11.087	105	35142	0.471	ug/L	100
63) 1,2,4-Trimethylbenzene	11.466	105	34577	0.467	ug/L	99
64) 1,3-Dichlorobenzene	11.746	146	23391	0.542	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	23669	0.557	ug/L	94
67) 1,2-Dichlorobenzene	12.212	146	22009	0.559	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.997	75	1137	0.459	ug/L	97
69) 1,3,5-Trichlorobenzene	13.219	180	19452	0.596	ug/L	98
70) 1,2,4-trichlorobenzene	13.842	180	15471	0.599	ug/L	96
71) Naphthalene	14.090	128	25043	0.662	ug/L	97
72) 1,2,3-Trichlorobenzene	14.328	180	14511	0.661	ug/L	99

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

