

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102423\
 Data File : VU055860.D
 Acq On : 24 Oct 2023 09:28
 Operator : MD/SY
 Sample : VSTD0.567
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5067

Quant Time: Oct 25 05:00:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 25 04:59:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	432984	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	428662	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	186658	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	18126	1.037	ug/L	0.00
7) Chloroethane-d5	1.914	69	14210	0.728	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	7220	0.797	ug/L	0.00
20) 2-Butanone-d5	4.656	46	26761	3.718	ug/L	0.03
24) Chloroform-d	5.065	84	31634	0.597	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.705	65	15598	0.565	ug/L	0.00
32) Benzene-d6	5.727	84	62835	0.614	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.692	67	18587	0.537	ug/L	0.00
41) Toluene-d8	7.897	98	53438	0.550	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.184	79	7195	0.612	ug/L	0.00
46) 2-Hexanone-d5	8.640	63	13442	2.686	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.756	84	13014	0.451	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.193	152	18035	0.591	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	11336	0.431	ug/L	97
3) Chloromethane	1.518	50	11270	0.413	ug/L	95
5) Vinyl chloride	1.602	62	12737	0.450	ug/L	98
6) Bromomethane	1.859	94	7758	0.438	ug/L	97
8) Chloroethane	1.933	64	7985	0.434	ug/L	92
9) Trichlorofluoromethane	2.139	101	17017	0.425	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	10192	0.451	ug/L	97
12) 1,1-Dichloroethene	2.576	96	10187	0.515	ug/L	79
14) Carbon disulfide	2.792	76	26070	0.484	ug/L	97
15) Methyl Acetate	2.959	43	2970	0.372	ug/L #	58
16) Methylene chloride	3.046	84	12408	0.416	ug/L	91
17) Methyl tert-butyl Ether	3.361	73	22294	0.398	ug/L	98
18) trans-1,2-Dichloroethene	3.354	96	9320	0.437	ug/L	88
19) 1,1-Dichloroethane	3.869	63	19373	0.437	ug/L	98
21) 2-Butanone	4.737	43	21613	3.578	ug/L	73
22) cis-1,2-Dichloroethene	4.663	96	12454	0.498	ug/L	86
23) Bromochloromethane	4.975	128	4603	0.423	ug/L	97
25) Chloroform	5.084	83	21109	0.436	ug/L	91
27) 1,2-Dichloroethane	5.801	62	12352	0.417	ug/L	100
29) 1,1,1-Trichloroethane	5.316	97	17627	0.418	ug/L	98
30) Cyclohexane	5.386	56	13674	0.374	ug/L	97
31) Carbon tetrachloride	5.521	117	14857	0.415	ug/L	92
33) Benzene	5.772	78	42887	0.429	ug/L	100
34) Trichloroethene	6.544	95	12812	0.465	ug/L	95
35) Methylcyclohexane	6.766	83	14346	0.356	ug/L	99
37) 1,2-Dichloropropane	6.791	63	11747	0.425	ug/L #	95
38) Bromodichloromethane	7.106	83	14463	0.421	ug/L	94
39) cis-1,3-Dichloropropene	7.611	75	15273	0.386	ug/L	97
40) 4-Methyl-2-pentanone	7.791	43	49827	3.299	ug/L	97
42) Toluene	7.971	91	42736	0.389	ug/L	99
44) trans-1,3-Dichloropropene	8.213	75	12005	0.368	ug/L	89
45) 1,1,2-Trichloroethane	8.399	97	7920	0.424	ug/L	87

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47) Tetrachloroethene	8.553	164	8065	0.406	ug/L	95
48) 2-Hexanone	8.688	43	38333	3.377	ug/L #	95
49) Dibromochloromethane	8.807	129	8313	0.381	ug/L	92
50) 1,2-Dibromoethane	8.923	107	6806	0.379	ug/L #	95
51) Chlorobenzene	9.447	112	30072	0.420	ug/L	96
52) Ethylbenzene	9.569	91	49435	0.400	ug/L	98
53) m,p-Xylene	9.695	106	17226	0.372	ug/L	95
54) o-Xylene	10.100	106	17094	0.383	ug/L	97
55) Styrene	10.119	104	23689	0.323	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.782	83	8396	0.365	ug/L	99
59) Bromoform	10.293	173	4545	0.487	ug/L #	96
60) Isopropylbenzene	10.483	105	41222	0.420	ug/L	98
61) 1,2,3-Trichloropropane	10.823	75	6588	0.482	ug/L	96
62) 1,3,5-Trimethylbenzene	11.087	105	33175	0.398	ug/L	100
63) 1,2,4-Trimethylbenzene	11.470	105	29124	0.377	ug/L	97
64) 1,3-Dichlorobenzene	11.749	146	21543	0.470	ug/L	97
65) 1,4-Dichlorobenzene	11.836	146	20913	0.456	ug/L	96
67) 1,2-Dichlorobenzene	12.212	146	19423	0.466	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.997	75	935	0.361	ug/L #	90
69) 1,3,5-Trichlorobenzene	13.222	180	14467	0.472	ug/L	95
70) 1,2,4-trichlorobenzene	13.843	180	9549	0.403	ug/L	98
72) 1,2,3-Trichlorobenzene	14.331	180	8365	0.422	ug/L	97

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

