

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102822\
 Data File : VU051564.D
 Acq On : 28 Oct 2022 12:03
 Operator : JC/MD
 Sample : VSTD0.562
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5062

Quant Time: Oct 28 22:30:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 28 22:30:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	201137	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	207380	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	90840	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	7524	0.497	ug/L	0.00
7) Chloroethane-d5	1.912	69	7722	0.489	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	65	2662	0.484	ug/L	0.00
20) 2-Butanone-d5	4.652	46	24519	4.469	ug/L	0.02
24) Chloroform-d	5.067	84	17270	0.487	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	10266	0.536	ug/L	0.00
32) Benzene-d6	5.729	84	29824	0.456	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	11344	0.496	ug/L	0.00
41) Toluene-d8	7.899	98	22908	0.445	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.185	79	3204	0.458	ug/L	0.00
46) 2-Hexanone-d5	8.636	63	14936	3.546	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.754	84	10045	0.479	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	8638	0.518	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	9976	0.454	ug/L	99
3) Chloromethane	1.523	50	14071	0.507	ug/L	98
5) Vinyl chloride	1.604	62	12365	0.466	ug/L	93
6) Bromomethane	1.858	94	6456	0.513	ug/L	88
8) Chloroethane	1.932	64	7696	0.477	ug/L	84
9) Trichlorofluoromethane	2.137	101	13629	0.467	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	7816	0.456	ug/L	98
12) 1,1-Dichloroethene	2.581	96	8170	0.467	ug/L	92
13) Acetone	2.652	43	14417	5.179	ug/L	95
14) Carbon disulfide	2.793	76	26413	0.469	ug/L	99
15) Methyl Acetate	2.970	43	3682	0.505	ug/L #	89
16) Methylene chloride	3.044	84	23674	0.827	ug/L	97
17) Methyl tert-butyl Ether	3.366	73	18920	0.472	ug/L	97
18) trans-1,2-Dichloroethene	3.353	96	8559	0.456	ug/L	88
19) 1,1-Dichloroethane	3.867	63	16659	0.481	ug/L	94
21) 2-Butanone	4.735	43	18567	4.259	ug/L	93
22) cis-1,2-Dichloroethene	4.668	96	9818	0.473	ug/L	93
23) Bromochloromethane	4.973	128	4815	0.496	ug/L	90
27) 1,2-Dichloroethane	5.803	62	10933	0.495	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	12531	0.445	ug/L	98
30) Cyclohexane	5.385	56	9586	0.370	ug/L	97
31) Carbon tetrachloride	5.526	117	10873	0.452	ug/L	95
33) Benzene	5.777	78	37289	0.456	ug/L	100
34) Trichloroethene	6.546	95	8933	0.452	ug/L	98
35) Methylcyclohexane	6.764	83	9677	0.354	ug/L	94
37) 1,2-Dichloropropane	6.790	63	9679	0.460	ug/L #	95
38) Bromodichloromethane	7.105	83	12339	0.480	ug/L	95
39) cis-1,3-Dichloropropene	7.610	75	11514	0.426	ug/L	96
40) 4-Methyl-2-pentanone	7.793	43	43589	4.129	ug/L	96
42) Toluene	7.970	91	35821	0.426	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	9418	0.417	ug/L	94
45) 1,1,2-Trichloroethane	8.404	97	7416	0.481	ug/L	92

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47) Tetrachloroethene	8.552	164	6868	0.454	ug/L	89
48) 2-Hexanone	8.690	43	32541	4.164	ug/L	95
49) Dibromochloromethane	8.809	129	8455	0.480	ug/L	93
50) 1,2-Dibromoethane	8.925	107	6138	0.441	ug/L	94
51) Chlorobenzene	9.446	112	24418	0.462	ug/L	99
52) Ethylbenzene	9.571	91	31754	0.392	ug/L	96
53) m,p-Xylene	9.693	106	12076	0.383	ug/L	95
54) o-Xylene	10.099	106	11562	0.376	ug/L	94
55) Styrene	10.115	104	17816	0.346	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.783	83	9076	0.475	ug/L	99
59) Bromoform	10.288	173	4276	0.509	ug/L #	93
60) Isopropylbenzene	10.484	105	27309	0.412	ug/L	97
61) 1,2,3-Trichloropropane	10.825	75	6621	0.564	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	7380	0.413	ug/L	92
63) 1,2,4-Trimethylbenzene	11.468	105	19459	0.378	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	15681	0.475	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	17273	0.522	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	16823	0.523	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.995	75	1432	0.592	ug/L	91
69) 1,3,5-Trichlorobenzene	13.221	180	11926	0.507	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	9538	0.528	ug/L	98
71) Naphthalene	14.089	128	18941	0.562	ug/L	97
72) 1,2,3-Trichlorobenzene	14.330	180	9849	0.540	ug/L	95

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

