

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082224\
 Data File : VU060504.D
 Acq On : 22 Aug 2024 15:21
 Operator : MD/SY
 Sample : VSTD01009
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010009

Quant Time: Aug 23 06:34:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 23 06:32:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	85948	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	86965	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	46865	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	38397	6.298	ug/L	0.00
7) Chloroethane-d5	1.911	69	55999	9.544	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	33487	12.452	ug/L	0.00
20) 2-Butanone-d5	4.624	46	166058	116.796	ug/L	0.00
24) Chloroform-d	5.052	84	118420	9.224	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	63483	10.333	ug/L	0.00
32) Benzene-d6	5.717	84	214267	8.632	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	69580	8.941	ug/L	0.00
41) Toluene-d8	7.891	98	200126	9.081	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	26783	10.599	ug/L	0.00
46) 2-Hexanone-d5	8.627	63	123121	110.426	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	58181	9.161	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	75643	9.617	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	98559	17.136	ug/L	97
3) Chloromethane	1.518	50	80372	12.789	ug/L	93
5) Vinyl chloride	1.602	62	77434	11.067	ug/L	99
6) Bromomethane	1.856	94	66537	12.577	ug/L	95
8) Chloroethane	1.930	64	67404	13.251	ug/L	98
9) Trichlorofluoromethane	2.132	101	184272	17.266	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	101676	16.033	ug/L	99
12) 1,1-Dichloroethene	2.573	96	94499	16.544	ug/L	92
13) Acetone	2.644	43	155482	158.901	ug/L	97
14) Carbon disulfide	2.785	76	319831	20.417	ug/L	99
15) Methyl Acetate	2.952	43	39528	18.510	ug/L #	62
16) Methylene chloride	3.039	84	103410	12.742	ug/L	94
17) Methyl tert-butyl Ether	3.357	73	220866	16.289	ug/L	96
18) trans-1,2-Dichloroethene	3.345	96	94696	16.819	ug/L	99
19) 1,1-Dichloroethane	3.859	63	190361	16.098	ug/L	98
21) 2-Butanone	4.708	43	167979	112.667	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	69371	10.306	ug/L	96
23) Bromochloromethane	4.968	128	32239	10.447	ug/L	96
25) Chloroform	5.078	83	132369	10.455	ug/L	100
27) 1,2-Dichloroethane	5.785	62	87543	12.353	ug/L #	94
29) 1,1,1-Trichloroethane	5.306	97	116774	11.662	ug/L	100
30) Cyclohexane	5.380	56	110810	13.377	ug/L	99
31) Carbon tetrachloride	5.518	117	105568	11.951	ug/L	98
33) Benzene	5.766	78	281529	11.074	ug/L	100
34) Trichloroethene	6.534	95	73403	10.935	ug/L	97
35) Methylcyclohexane	6.756	83	115149	12.875	ug/L	94
37) 1,2-Dichloropropane	6.782	63	76873	11.053	ug/L	99
38) Bromodichloromethane	7.097	83	94095	10.933	ug/L	98
39) cis-1,3-Dichloropropene	7.598	75	108185	11.432	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	425890	128.687	ug/L	99
42) Toluene	7.962	91	310059	11.515	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	93133	11.833	ug/L	99

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45) 1,1,2-Trichloroethane	8.393	97	50834	9.770	ug/L	96
47) Tetrachloroethene	8.547	164	58925	11.115	ug/L	98
48) 2-Hexanone	8.679	43	319398	128.650	ug/L	98
49) Dibromochloromethane	8.801	129	61980	11.139	ug/L	99
50) 1,2-Dibromoethane	8.917	107	49389	10.649	ug/L #	94
51) Chlorobenzene	9.441	112	187503	10.383	ug/L	100
52) Ethylbenzene	9.563	91	330368	11.575	ug/L	100
53) m,p-Xylene	9.685	106	127916	11.847	ug/L	98
54) o-Xylene	10.094	106	121630	11.813	ug/L	99
55) Styrene	10.106	104	209277	11.783	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	62669	9.764	ug/L #	97
59) Bromoform	10.283	173	37623	11.053	ug/L	96
60) Isopropylbenzene	10.476	105	329536	12.135	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	46353	10.793	ug/L	96
62) 1,3,5-Trimethylbenzene	11.081	105	271076	12.944	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	270435	12.499	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	158597	10.859	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	156552	10.700	ug/L	100
67) 1,2-Dichlorobenzene	12.203	146	143092	11.068	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	10188	12.547	ug/L	94
69) 1,3,5-Trichlorobenzene	13.212	180	116072	11.161	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	93890	11.554	ug/L	99
71) Naphthalene	14.080	128	133411	11.725	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	83212	11.488	ug/L	100

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

