

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100124\
 Data File : VU061033.D
 Acq On : 01 Oct 2024 09:24
 Operator : MD/SY
 Sample : VSTD0.524
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 02 01:55:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 02 01:31:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	194460	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	181799	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	81618	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	5858	0.421	ug/L	0.00
7) Chloroethane-d5	1.911	69	4886	0.470	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	2596	0.423	ug/L	0.00
20) 2-Butanone-d5	4.663	46	12933m	3.937	ug/L	0.04
24) Chloroform-d	5.062	84	10252	0.418	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.705	65	5400	0.416	ug/L	0.00
32) Benzene-d6	5.724	84	19228	0.401	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.689	67	6356	0.404	ug/L	0.00
41) Toluene-d8	7.898	98	18839	0.420	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.184	79	2955	0.439	ug/L	0.00
46) 2-Hexanone-d5	8.640	63	10817	3.883	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.753	84	4710	0.408	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.193	152	5405	0.414	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	4045	0.427	ug/L	93
3) Chloromethane	1.518	50	6279	0.459	ug/L	96
5) Vinyl chloride	1.602	62	5865	0.427	ug/L	98
6) Bromomethane	1.856	94	3349	0.457	ug/L	97
8) Chloroethane	1.933	64	3798	0.456	ug/L	96
9) Trichlorofluoromethane	2.136	101	7717	0.437	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	5159	0.442	ug/L #	87
12) 1,1-Dichloroethene	2.576	96	5233	0.466	ug/L	95
13) Acetone	2.657	43	9308	4.346	ug/L	86
14) Carbon disulfide	2.792	76	16301	0.427	ug/L	98
15) Methyl Acetate	2.972	43	2288m	0.448	ug/L	
16) Methylene chloride	3.042	84	5914	0.459	ug/L	84
17) Methyl tert-butyl Ether	3.358	73	14276	0.444	ug/L #	93
18) trans-1,2-Dichloroethene	3.354	96	5550	0.451	ug/L	90
19) 1,1-Dichloroethane	3.869	63	10169	0.425	ug/L	97
21) 2-Butanone	4.737	43	14217m	3.986	ug/L	
22) cis-1,2-Dichloroethene	4.663	96	6184	0.451	ug/L	91
23) Bromochloromethane	4.972	128	2303	0.417	ug/L	91
25) Chloroform	5.081	83	10725	0.447	ug/L	99
27) 1,2-Dichloroethane	5.798	62	6741	0.427	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	9761	0.464	ug/L	96
30) Cyclohexane	5.380	56	11090	0.473	ug/L	89
31) Carbon tetrachloride	5.518	117	7533	0.422	ug/L	99
33) Benzene	5.769	78	23346	0.436	ug/L	100
34) Trichloroethene	6.541	95	6828	0.470	ug/L	90
35) Methylcyclohexane	6.753	83	10529	0.449	ug/L	98
37) 1,2-Dichloropropane	6.788	63	5855	0.415	ug/L #	96
38) Bromodichloromethane	7.100	83	8033	0.455	ug/L	97
39) cis-1,3-Dichloropropene	7.608	75	9407	0.425	ug/L	93
40) 4-Methyl-2-pentanone	7.791	43	36840	4.072	ug/L	93
42) Toluene	7.968	91	25842	0.453	ug/L	95
44) trans-1,3-Dichloropropene	8.213	75	7368	0.402	ug/L	99

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45) 1,1,2-Trichloroethane	8.396	97	4289	0.458	ug/L	96
47) Tetrachloroethene	8.550	164	4197	0.444	ug/L	97
49) Dibromochloromethane	8.804	129	4575	0.420	ug/L	99
50) 1,2-Dibromoethane	8.920	107	3825	0.432	ug/L #	87
51) Chlorobenzene	9.444	112	15762	0.453	ug/L	93
52) Ethylbenzene	9.566	91	28663	0.443	ug/L	95
53) m,p-Xylene	9.692	106	10264	0.435	ug/L	86
54) o-Xylene	10.097	106	9985	0.430	ug/L	89
55) Styrene	10.113	104	15757	0.420	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.775	83	4800	0.408	ug/L	92
59) Bromoform	10.290	173	2530	0.452	ug/L #	88
60) Isopropylbenzene	10.479	105	24951	0.457	ug/L #	95
61) 1,2,3-Trichloropropane	10.820	75	3663	0.457	ug/L #	93
62) 1,3,5-Trimethylbenzene	11.084	105	21261	0.442	ug/L	97
63) 1,2,4-Trimethylbenzene	11.463	105	21942	0.452	ug/L	93
64) 1,3-Dichlorobenzene	11.743	146	10172	0.435	ug/L	94
65) 1,4-Dichlorobenzene	11.830	146	10511	0.454	ug/L	93
67) 1,2-Dichlorobenzene	12.209	146	9367	0.433	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.000	75	591	0.338	ug/L	92
69) 1,3,5-Trichlorobenzene	13.222	180	6745	0.409	ug/L	98
70) 1,2,4-trichlorobenzene	13.846	180	4513	0.357	ug/L	98
71) Naphthalene	14.106	128	6266m	0.310	ug/L	
72) 1,2,3-Trichlorobenzene	14.331	180	3849	0.366	ug/L	95

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

