

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121323\
 Data File : VW033273.D
 Acq On : 13 Dec 2023 12:42
 Operator : SY/MD
 Sample : VSTD02020
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020220

Quant Time: Dec 13 23:02:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 13 22:59:35 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	155361	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	150625	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	86735	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	223153	17.739	ug/L	0.00
7) Chloroethane-d5	1.532	69	160969	13.685	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	83031	14.921	ug/L	0.00
20) 2-Butanone-d5	3.809	46	290580	174.032	ug/L	-0.03
24) Chloroform-d	4.243	84	448476	19.898	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	196400	19.650	ug/L	0.00
32) Benzene-d6	4.956	84	865845	21.949	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.985	67	199375	18.518	ug/L	0.00
41) Toluene-d8	7.239	98	852983	22.694	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.548	79	95449	21.936	ug/L	0.00
46) 2-Hexanone-d5	8.024	63	292149	202.865	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.152	84	135510	17.232	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	333509	21.855	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	404671	22.705	ug/L	97
3) Chloromethane	1.214	50	229110	14.553	ug/L	99
5) Vinyl chloride	1.281	62	236059	15.520	ug/L	98
6) Bromomethane	1.487	94	154183	14.286	ug/L	97
8) Chloroethane	1.548	64	121884	11.045	ug/L	99
9) Trichlorofluoromethane	1.712	101	409924	16.745	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	191729	14.337	ug/L	99
12) 1,1-Dichloroethene	2.066	96	181533	14.600	ug/L	92
13) Acetone	2.159	43	166019	108.838	ug/L #	61
14) Carbon disulfide	2.236	76	587642	16.034	ug/L	100
15) Methyl Acetate	2.384	43	44317	13.110	ug/L	93
16) Methylene chloride	2.445	84	191608	12.797	ug/L	98
17) Methyl tert-butyl Ether	2.703	73	402531	18.611	ug/L	98
18) trans-1,2-Dichloroethene	2.690	96	222406	18.136	ug/L	96
19) 1,1-Dichloroethane	3.108	63	343333	16.114	ug/L	98
21) 2-Butanone	3.886	43	265566	140.418	ug/L	94
22) cis-1,2-Dichloroethene	3.809	96	237973	18.708	ug/L	92
23) Bromochloromethane	4.143	128	99759	17.340	ug/L	96
25) Chloroform	4.268	83	405854	17.004	ug/L	98
27) 1,2-Dichloroethane	5.037	62	222224	17.368	ug/L	96
29) 1,1,1-Trichloroethane	4.506	97	418269	19.850	ug/L	99
30) Cyclohexane	4.577	56	289629	19.985	ug/L	99
31) Carbon tetrachloride	4.731	117	392896	21.219	ug/L	100
33) Benzene	5.005	78	830225	18.954	ug/L	100
34) Trichloroethene	5.828	95	240527	19.547	ug/L	98
35) Methylcyclohexane	6.046	83	369265	22.108	ug/L	98
37) 1,2-Dichloropropane	6.088	63	166673	15.949	ug/L	100
38) Bromodichloromethane	6.429	83	270542	17.991	ug/L	96
39) cis-1,3-Dichloropropene	6.950	75	299743	19.911	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	660108	161.937	ug/L	99
42) Toluene	7.310	91	969116	19.945	ug/L	98
44) trans-1,3-Dichloropropene	7.577	75	247052	20.277	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.767	97	127385	16.578	ug/L	96
47) Tetrachloroethene	7.902	164	227041	21.344	ug/L	98
48) 2-Hexanone	8.075	43	484304	159.029	ug/L	99
49) Dibromochloromethane	8.175	129	183116	19.176	ug/L	100
50) 1,2-Dibromoethane	8.281	107	126458	17.248	ug/L	99
51) Chlorobenzene	8.812	112	650412	19.852	ug/L	99
52) Ethylbenzene	8.943	91	1130699	22.026	ug/L	100
53) m,p-Xylene	9.069	106	456225	22.535	ug/L	100
54) o-Xylene	9.477	106	430664	22.545	ug/L	99
55) Styrene	9.493	104	736085	22.533	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	125223	14.925	ug/L	97
59) Bromoform	9.664	173	110123	19.874	ug/L	97
60) Isopropylbenzene	9.866	105	1225382	22.275	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	92044	15.251	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	1056126	24.110	ug/L	97
63) 1,2,4-Trimethylbenzene	10.850	105	1060759	24.183	ug/L	98
64) 1,3-Dichlorobenzene	11.117	146	608896	20.897	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	590728	19.923	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	515809	20.080	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.365	75	23746	16.006	ug/L	93
69) 1,3,5-Trichlorobenzene	12.583	180	502434	22.742	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	400012	22.423	ug/L	98
71) Naphthalene	13.438	128	503575	21.287	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	326505	21.583	ug/L	96

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

