

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111723\
 Data File : VW032972.D
 Acq On : 16 Nov 2023 19:45
 Operator : SY/MD
 Sample : VSTD00512
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005212

Quant Time: Nov 17 00:31:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 17 00:29:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	172216	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	172176	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	92039	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	73313	5.001	ug/L	0.00
7) Chloroethane-d5	1.532	69	66934	4.763	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	29719	4.598	ug/L	0.00
20) 2-Butanone-d5	3.799	46	97674	50.035	ug/L	0.00
24) Chloroform-d	4.249	84	128269	5.089	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.944	65	55290	4.969	ug/L	0.00
32) Benzene-d6	4.963	84	238847	5.277	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	67097	5.222	ug/L	0.00
41) Toluene-d8	7.243	98	227718	5.347	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.558	79	25366	5.064	ug/L	0.00
46) 2-Hexanone-d5	8.027	63	86162	51.596	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.156	84	48553	5.122	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.564	152	78537	4.904	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	93273	4.953	ug/L	100
3) Chloromethane	1.214	50	92803	4.954	ug/L	100
5) Vinyl chloride	1.281	62	88634	4.983	ug/L	100
6) Bromomethane	1.487	94	60354	4.760	ug/L	100
8) Chloroethane	1.548	64	62417	4.677	ug/L	100
9) Trichlorofluoromethane	1.712	101	133967	4.854	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	77165	4.931	ug/L	100
12) 1,1-Dichloroethene	2.069	96	70583	4.856	ug/L	100
13) Acetone	2.124	43	79985	44.097	ug/L	100
14) Carbon disulfide	2.240	76	207148	4.932	ug/L	100
15) Methyl Acetate	2.381	43	20890	5.191	ug/L	100
16) Methylene chloride	2.445	84	72478	4.211	ug/L	100
17) Methyl tert-butyl Ether	2.706	73	115534	4.762	ug/L	100
18) trans-1,2-Dichloroethene	2.693	96	68455	4.953	ug/L	100
19) 1,1-Dichloroethane	3.111	63	120859	4.937	ug/L	100
21) 2-Butanone	3.879	43	100095	45.928	ug/L	100
22) cis-1,2-Dichloroethene	3.818	96	69322	4.904	ug/L	100
23) Bromochloromethane	4.146	128	32094	4.949	ug/L	100
25) Chloroform	4.278	83	134763	4.989	ug/L	100
27) 1,2-Dichloroethane	5.047	62	71225	4.957	ug/L	100
29) 1,1,1-Trichloroethane	4.513	97	118307	4.976	ug/L	100
30) Cyclohexane	4.584	56	83185	5.018	ug/L	100
31) Carbon tetrachloride	4.738	117	104916	5.096	ug/L	100
33) Benzene	5.011	78	270086	5.315	ug/L	100
34) Trichloroethene	5.838	95	71210	5.092	ug/L	100
35) Methylcyclohexane	6.050	83	93717	5.058	ug/L	100
37) 1,2-Dichloropropane	6.095	63	65455	5.181	ug/L	100
38) Bromodichloromethane	6.436	83	88514	5.077	ug/L	100
39) cis-1,3-Dichloropropene	6.956	75	86747	5.006	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	266616	53.479	ug/L	100
42) Toluene	7.317	91	292456	5.291	ug/L	100
44) trans-1,3-Dichloropropene	7.583	75	68571	4.920	ug/L	100

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

45) 1,1,2-Trichloroethane	7.773	97	46834	5.149	ug/L	100
47) Tetrachloroethene	7.908	164	59729	5.072	ug/L	100
48) 2-Hexanone	8.079	43	188917	51.599	ug/L	100
49) Dibromochloromethane	8.178	129	54669	5.013	ug/L	100
50) 1,2-Dibromoethane	8.284	107	44107	5.071	ug/L	100
51) Chlorobenzene	8.815	112	188290	5.073	ug/L	100
52) Ethylbenzene	8.950	91	297636	5.181	ug/L	100
53) m,p-Xylene	9.075	106	115851	5.217	ug/L	100
54) o-Xylene	9.480	106	112461	5.300	ug/L	100
55) Styrene	9.497	104	198827	5.448	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.181	83	51040	5.032	ug/L	100
59) Bromoform	9.667	173	29472	5.075	ug/L	100
60) Isopropylbenzene	9.870	105	295772	5.187	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	33627	5.003	ug/L	100
62) 1,3,5-Trimethylbenzene	10.477	105	223455	5.000	ug/L	100
63) 1,2,4-Trimethylbenzene	10.853	105	235050	5.219	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	153450	5.068	ug/L	100
65) 1,4-Dichlorobenzene	11.210	146	152508	4.934	ug/L	100
67) 1,2-Dichlorobenzene	11.580	146	136353	5.043	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.368	75	6840	4.245	ug/L	100
69) 1,3,5-Trichlorobenzene	12.583	180	107976	4.803	ug/L	100
70) 1,2,4-trichlorobenzene	13.201	180	84465	4.633	ug/L	100
71) Naphthalene	13.442	128	116585	4.594	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	75257	4.741	ug/L	100

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

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