

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112223\
 Data File : VW033061.D
 Acq On : 22 Nov 2023 15:52
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050338

Quant Time: Nov 23 05:52:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM112023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 22 03:48:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	294451	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	295461	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	177061	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	61292	39.812	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.620%
7) Chloroethane-d5	1.529	69	49303	41.640	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.280%
11) 1,1-Dichloroethene-d2	2.060	65	26403	41.913	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.820%
21) 2-Butanone-d5	3.783	46	100708	102.814	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.810%
24) Chloroform-d	4.249	84	184216	48.553	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.100%
26) 1,2-Dichloroethane-d4	4.941	65	116133	49.069	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.140%
32) Benzene-d6	4.960	84	327621	47.616	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.240%
36) 1,2-Dichloropropane-d6	5.989	67	93116	47.725	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.440%
41) Toluene-d8	7.243	98	314637	47.903	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.800%
43) trans-1,3-Dichloroprop...	7.551	79	54222	47.603	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.200%
47) 2-Hexanone-d5	8.024	63	86937	107.677	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.680%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	149119	50.209	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.420%
66) 1,2-Dichlorobenzene-d4	11.561	152	154754	49.013	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.020%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	134233	42.196	ug/L	99
3) Chloromethane	1.214	50	100187	42.201	ug/L	99
5) Vinyl chloride	1.282	62	91563	41.577	ug/L	99
6) Bromomethane	1.484	94	62663	43.061	ug/L	98
8) Chloroethane	1.548	64	51305	42.120	ug/L	99
9) Trichlorofluoromethane	1.712	101	157287	44.116	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	71101	40.444	ug/L	96
12) 1,1-Dichloroethene	2.069	96	70979	43.728	ug/L	95
13) Acetone	2.111	43	65257	68.090	ug/L	99
14) Carbon disulfide	2.240	76	231195	42.825	ug/L	99
15) Methyl Acetate	2.372	43	80597	47.969	ug/L	99
16) Methylene chloride	2.446	84	101891	44.306	ug/L	99
17) trans-1,2-Dichloroethene	2.693	96	94687	45.581	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	333450	51.171	ug/L	99
19) 1,1-Dichloroethane	3.111	63	171630	46.252	ug/L	97
20) cis-1,2-Dichloroethene	3.815	96	110421	47.408	ug/L	98
22) 2-Butanone	3.863	43	110093	88.718	ug/L	96
23) Bromochloromethane	4.146	128	61951	48.358	ug/L	97
25) Chloroform	4.275	83	197487	47.284	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	157895	48.460	ug/L	97
29) Cyclohexane	4.584	56	119911	42.064	ug/L	97
30) 1,1,1-Trichloroethane	4.513	97	185025	47.945	ug/L	98
31) Carbon tetrachloride	4.735	117	164806	45.827	ug/L	99
33) Benzene	5.011	78	395038	48.068	ug/L	100
34) Trichloroethene	5.834	95	109106	47.100	ug/L	99
35) Methylcyclohexane	6.050	83	143679	42.674	ug/L	98
37) 1,2-Dichloropropane	6.095	63	93363	46.284	ug/L	99
38) Bromodichloromethane	6.433	83	151465	48.326	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	164526	47.376	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	226275	102.551	ug/L	98
42) Toluene	7.317	91	437397	48.033	ug/L	98
44) trans-1,3-Dichloropropene	7.580	75	169588	48.598	ug/L	97
45) 1,1,2-Trichloroethane	7.770	97	109094	48.022	ug/L	99
46) Tetrachloroethene	7.905	164	90690	44.926	ug/L	98
48) 2-Hexanone	8.076	43	168349	96.442	ug/L	99
49) Dibromochloromethane	8.175	129	129725	49.546	ug/L	99
50) 1,2-Dibromoethane	8.285	107	118498	49.805	ug/L	100
51) Chlorobenzene	8.815	112	296775	45.927	ug/L	100
52) Ethylbenzene	8.947	91	484135	46.313	ug/L	100
53) m,p-Xylene	9.075	106	191170	46.545	ug/L	96
54) o-Xylene	9.481	106	188748	47.742	ug/L	99
55) Styrene	9.497	104	343902	48.763	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	156664	48.817	ug/L	98
59) Bromoform	9.667	173	106748	51.732	ug/L	99
60) Isopropylbenzene	9.870	105	508791	47.401	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	124044	48.563	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	404006	46.912	ug/L	100
63) 1,2,4-Trimethylbenzene	10.854	105	431678	47.848	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	267795	46.567	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	275545	45.077	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	270987	46.961	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.365	75	37281	50.172	ug/L	98
69) 1,3,5-Trichlorobenzene	12.583	180	204849	45.818	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	193429	47.208	ug/L	99
71) Naphthalene	13.439	128	554275	54.693	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	202142	50.885	ug/L	100

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

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