

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100323\
 Data File : VW032208.D
 Acq On : 03 Oct 2023 09:46
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050310

Quant Time: Oct 04 02:46:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 03 01:57:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	208043	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	203833	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	114323	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	82999	64.467	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 128.940%	
7) Chloroethane-d5	1.529	69	66296	59.700	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 119.400%	
11) 1,1-Dichloroethene-d2	2.060	65	33767	60.064	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 120.120%	
21) 2-Butanone-d5	3.783	46	104840	90.562	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 90.560%	
24) Chloroform-d	4.249	84	141068	52.360	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 104.720%	
26) 1,2-Dichloroethane-d4	4.941	65	84003	51.821	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 103.640%	
32) Benzene-d6	4.960	84	281247	52.487	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 104.980%	
36) 1,2-Dichloropropane-d6	5.989	67	91103	50.949	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 101.900%	
41) Toluene-d8	7.246	98	261919	53.580	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 107.160%	
43) trans-1,3-Dichloroprop...	7.555	79	42720	50.220	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 100.440%	
47) 2-Hexanone-d5	8.027	63	68352	88.518	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 88.520%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	118825	46.722	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 93.440%	
66) 1,2-Dichlorobenzene-d4	11.564	152	103025	49.693	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 99.380%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.105	85	89003	50.522	ug/L	100
3) Chloromethane	1.214	50	93931	49.170	ug/L	98
5) Vinyl chloride	1.282	62	96165	51.106	ug/L	98
6) Bromomethane	1.484	94	58571	54.859	ug/L	98
8) Chloroethane	1.545	64	59750	51.010	ug/L	98
9) Trichlorofluoromethane	1.712	101	126117	52.220	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	78848	54.142	ug/L	99
12) 1,1-Dichloroethene	2.069	96	69186	51.345	ug/L	99
13) Acetone	2.111	43	132581	122.420	ug/L	100
14) Carbon disulfide	2.240	76	212441	49.264	ug/L	100
15) Methyl Acetate	2.371	43	91516	47.365	ug/L	99
16) Methylene chloride	2.445	84	82976	48.773	ug/L	100
17) trans-1,2-Dichloroethene	2.693	96	75083	49.431	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	248245	48.849	ug/L	100
19) 1,1-Dichloroethane	3.111	63	149341	50.142	ug/L	98
20) cis-1,2-Dichloroethene	3.815	96	83951	49.086	ug/L	98
22) 2-Butanone	3.863	43	146449	100.723	ug/L	99
23) Bromochloromethane	4.146	128	42380	49.474	ug/L	99
25) Chloroform	4.275	83	145958	50.203	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	107865	49.087	ug/L	100
29) Cyclohexane	4.584	56	135587	47.649	ug/L	98
30) 1,1,1-Trichloroethane	4.513	97	125704	49.456	ug/L	99
31) Carbon tetrachloride	4.735	117	107801	49.111	ug/L	99
33) Benzene	5.011	78	320350	49.270	ug/L	100
34) Trichloroethene	5.834	95	88171	49.255	ug/L	99
35) Methylcyclohexane	6.050	83	140035	48.929	ug/L	99
37) 1,2-Dichloropropane	6.095	63	90069	50.485	ug/L	99
38) Bromodichloromethane	6.432	83	112008	49.943	ug/L	100
39) cis-1,3-Dichloropropene	6.953	75	139528	49.315	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	249125	93.692	ug/L	100
42) Toluene	7.317	91	340437	49.041	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	127252	49.113	ug/L	100
45) 1,1,2-Trichloroethane	7.770	97	83669	49.165	ug/L	98
46) Tetrachloroethene	7.908	164	64890	49.885	ug/L	98
48) 2-Hexanone	8.075	43	197161	94.918	ug/L	98
49) Dibromochloromethane	8.178	129	83959	49.619	ug/L	99
50) 1,2-Dibromoethane	8.284	107	88859	49.036	ug/L	99
51) Chlorobenzene	8.815	112	216823	48.409	ug/L	100
52) Ethylbenzene	8.947	91	383644	49.476	ug/L	100
53) m,p-Xylene	9.075	106	142342	49.270	ug/L	99
54) o-Xylene	9.481	106	137953	48.472	ug/L	100
55) Styrene	9.497	104	244912	50.441	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.181	83	124102	46.800	ug/L	100
59) Bromoform	9.667	173	60984	48.005	ug/L	99
60) Isopropylbenzene	9.870	105	383253	48.166	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	99786	44.902	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	314046	48.039	ug/L	100
63) 1,2,4-Trimethylbenzene	10.853	105	308867	48.033	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	179185	48.169	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	182627	48.601	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	176589	48.262	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	27138	44.227	ug/L	98
69) 1,3,5-Trichlorobenzene	12.587	180	130214	48.343	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	121078	47.797	ug/L	99
71) Naphthalene	13.442	128	379034	45.423	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	122290	48.588	ug/L	100

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

