

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020224\
 Data File : VW033957.D
 Acq On : 02 Feb 2024 09:13
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050394

Quant Time: Feb 03 01:39:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 02 04:28:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	206535	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	190683	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	100203	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	77802	49.015	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	98.020%		
7) Chloroethane-d5	1.526	69	59875	47.632	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	95.260%		
11) 1,1-Dichloroethene-d2	2.056	65	35261	51.617	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	103.240%		
21) 2-Butanone-d5	3.780	46	80117	73.586	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	73.590%		
24) Chloroform-d	4.246	84	129317	45.561	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.120%		
26) 1,2-Dichloroethane-d4	4.937	65	85005	46.352	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.700%		
32) Benzene-d6	4.957	84	241307	44.513	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.020%		
36) 1,2-Dichloropropane-d6	5.985	67	70730	39.638	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	79.280%		
41) Toluene-d8	7.239	98	223061	45.669	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.340%		
43) trans-1,3-Dichloroprop...	7.551	79	38744	43.933	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.860%		
47) 2-Hexanone-d5	8.021	63	54319	73.387	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	73.390%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	88789	38.976	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	77.960%		
66) 1,2-Dichlorobenzene-d4	11.561	152	86528	45.514	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.020%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	81772	47.592	ug/L	99
3) Chloromethane	1.214	50	88282	45.185	ug/L	99
5) Vinyl chloride	1.282	62	91300	48.846	ug/L	99
6) Bromomethane	1.478	94	49500	50.672	ug/L	96
8) Chloroethane	1.542	64	57165	51.290	ug/L	99
9) Trichlorofluoromethane	1.709	101	145974	65.446	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	79911	60.811	ug/L	95
12) 1,1-Dichloroethene	2.069	96	73166	59.028	ug/L	87
13) Acetone	2.108	43	130153	125.030	ug/L	99
14) Carbon disulfide	2.240	76	194647	46.203	ug/L	99
15) Methyl Acetate	2.368	43	80217	47.125	ug/L #	100
16) Methylene chloride	2.445	84	76226	50.410	ug/L	95
17) trans-1,2-Dichloroethene	2.690	96	70138	50.656	ug/L	96
18) Methyl tert-butyl Ether	2.699	73	262662	52.746	ug/L	98
19) 1,1-Dichloroethane	3.108	63	140277	49.556	ug/L	98
20) cis-1,2-Dichloroethene	3.812	96	80648	52.335	ug/L	93
22) 2-Butanone	3.860	43	124772	98.688	ug/L	99
23) Bromochloromethane	4.143	128	40906	54.642	ug/L	85
25) Chloroform	4.272	83	146214	54.479	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020224\
 Data File : VW033957.D
 Acq On : 02 Feb 2024 09:13
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050394

Quant Time: Feb 03 01:39:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 02 04:28:29 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	119450	53.285	ug/L	99
29) Cyclohexane	4.580	56	123442	45.920	ug/L	95
30) 1,1,1-Trichloroethane	4.510	97	135294	59.124	ug/L	99
31) Carbon tetrachloride	4.732	117	119191	61.023	ug/L	100
33) Benzene	5.005	78	290320	51.837	ug/L	100
34) Trichloroethene	5.831	95	79952	53.218	ug/L	98
35) Methylcyclohexane	6.047	83	127735	49.682	ug/L	95
37) 1,2-Dichloropropane	6.092	63	75647	49.084	ug/L #	97
38) Bromodichloromethane	6.429	83	111228	55.168	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	131788	51.207	ug/L	98
40) 4-Methyl-2-pentanone	7.153	43	210627	92.233	ug/L	95
42) Toluene	7.313	91	311516	52.617	ug/L	98
44) trans-1,3-Dichloropropene	7.577	75	124961	52.689	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	73423	52.506	ug/L	98
46) Tetrachloroethene	7.905	164	62030	56.291	ug/L	98
48) 2-Hexanone	8.072	43	174718	96.018	ug/L	98
49) Dibromochloromethane	8.175	129	81134	55.709	ug/L	100
50) 1,2-Dibromoethane	8.281	107	76656	51.873	ug/L #	98
51) Chlorobenzene	8.812	112	201539	53.441	ug/L	98
52) Ethylbenzene	8.944	91	359259	52.391	ug/L	100
53) m,p-Xylene	9.072	106	134883	53.280	ug/L	100
54) o-Xylene	9.477	106	131891	52.625	ug/L	100
55) Styrene	9.493	104	227352	52.542	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	110285	49.557	ug/L	100
59) Bromoform	9.664	173	58757	55.172	ug/L	97
60) Isopropylbenzene	9.866	105	364066	53.700	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	87680	49.305	ug/L	95
62) 1,3,5-Trimethylbenzene	10.474	105	313836	53.952	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	310369	53.549	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	166996	54.532	ug/L	97
65) 1,4-Dichlorobenzene	11.207	146	165575	53.923	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	165111	55.180	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	25883	50.437	ug/L	95
69) 1,3,5-Trichlorobenzene	12.583	180	126383	55.849	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	112477	54.762	ug/L	99
71) Naphthalene	13.439	128	257056	47.895	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	106574	55.591	ug/L	98

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

