

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031422\
 Data File : VW024976.D
 Acq On : 14 Mar 2022 09:37
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050289

Quant Time: Mar 15 02:15:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022822WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 11 23:08:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	325386	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	317457	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	164060	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	148214	44.797	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.600%
7) Chloroethane-d5	1.568	69	116449	44.861	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.720%
11) 1,1-Dichloroethene-d2	2.108	63	243892	43.919	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.840%
21) 2-Butanone-d5	3.883	46	169282	89.905	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.900%
24) Chloroform-d	4.343	84	257902	44.654	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.300%
26) 1,2-Dichloroethane-d4	5.024	65	149673	43.922	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.840%
32) Benzene-d6	5.043	84	518169	44.037	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.080%
36) 1,2-Dichloropropane-d6	6.063	67	161127	43.951	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.900%
41) Toluene-d8	7.310	98	465711	44.675	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.360%
43) trans-1,3-Dichloroprop...	7.616	79	74235	46.602	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.200%
47) 2-Hexanone-d5	8.082	63	119705	86.024	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.020%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	198508	45.652	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.300%
66) 1,2-Dichlorobenzene-d4	11.622	152	162807	43.080	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	142813	46.487	ug/L	100
3) Chloromethane	1.243	50	139180	43.791	ug/L	99
5) Vinyl chloride	1.311	62	148499	45.538	ug/L	99
6) Bromomethane	1.523	94	92234	47.347	ug/L	99
8) Chloroethane	1.584	64	90539	47.375	ug/L	100
9) Trichlorofluoromethane	1.754	101	201487	48.315	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	120986	48.921	ug/L	98
12) 1,1-Dichloroethene	2.118	96	113481	47.117	ug/L	90
13) Acetone	2.182	43	176366	122.664	ug/L	98
14) Carbon disulfide	2.294	76	334145	45.414	ug/L	99
15) Methyl Acetate	2.433	43	119496	48.381	ug/L	98
16) Methylene chloride	2.503	84	138401	49.066	ug/L	97
17) trans-1,2-Dichloroethene	2.757	96	125941	48.350	ug/L	98
18) Methyl tert-butyl Ether	2.764	73	389939	49.098	ug/L	99
19) 1,1-Dichloroethane	3.185	63	228468	48.646	ug/L	98
20) cis-1,2-Dichloroethene	3.905	96	139326	49.414	ug/L	94
22) 2-Butanone	3.966	43	201614	122.289	ug/L	100
23) Bromochloromethane	4.243	128	68590	48.641	ug/L	96
25) Chloroform	4.368	83	241233	49.446	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	169819	49.881	ug/L	99
29) Cyclohexane	4.674	56	196609	47.347	ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	209669	50.157	ug/L	99
31) Carbon tetrachloride	4.822	117	178694	50.277	ug/L	99
33) Benzene	5.092	78	524719	48.976	ug/L	100
34) Trichloroethene	5.908	95	144058	49.049	ug/L	99
35) Methylcyclohexane	6.127	83	218242	48.977	ug/L	99
37) 1,2-Dichloropropane	6.166	63	135277	50.318	ug/L	100
38) Bromodichloromethane	6.503	83	177588	50.408	ug/L	100
39) cis-1,3-Dichloropropene	7.021	75	208025	51.411	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	310795	96.963	ug/L	98
42) Toluene	7.381	91	558149	49.925	ug/L	100
44) trans-1,3-Dichloropropene	7.645	75	192522	51.790	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	129861	49.714	ug/L	99
46) Tetrachloroethene	7.973	164	95152	50.164	ug/L	96
48) 2-Hexanone	8.133	43	261287	103.577	ug/L	97
49) Dibromochloromethane	8.243	129	135368	53.625	ug/L	99
50) 1,2-Dibromoethane	8.349	107	135084	50.144	ug/L	100
51) Chlorobenzene	8.876	112	347585	49.285	ug/L	99
52) Ethylbenzene	9.008	91	592554	50.254	ug/L	99
53) m,p-Xylene	9.133	106	227820	50.282	ug/L	100
54) o-Xylene	9.538	106	221230	50.533	ug/L	100
55) Styrene	9.555	104	387904	52.221	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.236	83	185182	50.683	ug/L	99
59) Bromoform	9.728	173	81573	54.582	ug/L	98
60) Isopropylbenzene	9.928	105	585183	49.115	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	155599	47.399	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	404584	50.329	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	496529	50.394	ug/L	100
64) 1,3-Dichlorobenzene	11.175	146	256510	49.062	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	260167	48.606	ug/L	98
67) 1,2-Dichlorobenzene	11.638	146	256472	48.742	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.423	75	36681	48.947	ug/L	98
69) 1,3,5-Trichlorobenzene	12.641	180	172687	48.931	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	153727	49.994	ug/L	99
71) Naphthalene	13.497	128	477640	47.943	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	147952	48.795	ug/L	99

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

