

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072722\
 Data File : VW0727013.D
 Acq On : 27 Jul 2022 21:04
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050313

Quant Time: Jul 28 01:46:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 28 01:41:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	503330	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	507782	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	285420	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	162626	38.524	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.040%
7) Chloroethane-d5	1.564	69	144061	42.183	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.360%
11) 1,1-Dichloroethene-d2	2.105	63	317445	41.798	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.600%
21) 2-Butanone-d5	3.886	46	307680	108.130	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.130%
24) Chloroform-d	4.343	84	380774	45.832	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.660%
26) 1,2-Dichloroethane-d4	5.027	65	219695	46.229	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.460%
32) Benzene-d6	5.043	84	709377	46.216	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.440%
36) 1,2-Dichloropropane-d6	6.066	67	230369	46.572	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.140%
41) Toluene-d8	7.313	98	631343	47.010	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.020%
43) trans-1,3-Dichloroprop...	7.619	79	97139	46.867	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.740%
47) 2-Hexanone-d5	8.088	63	220879	102.554	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.550%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	383298	51.009	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.020%
66) 1,2-Dichlorobenzene-d4	11.622	152	256739	47.947	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	221045	42.511	ug/L	100
3) Chloromethane	1.240	50	226260	46.531	ug/L	99
5) Vinyl chloride	1.307	62	246251	47.640	ug/L	100
6) Bromomethane	1.519	94	158203	50.652	ug/L	98
8) Chloroethane	1.581	64	153437	50.517	ug/L	99
9) Trichlorofluoromethane	1.748	101	345406	48.486	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	194301	46.635	ug/L	99
12) 1,1-Dichloroethene	2.114	96	191738	49.268	ug/L	87
13) Acetone	2.179	43	223614	111.922	ug/L	98
14) Carbon disulfide	2.288	76	506261	45.594	ug/L	100
15) Methyl Acetate	2.429	43	238872	54.205	ug/L	99
16) Methylene chloride	2.500	84	254936	51.390	ug/L	98
17) trans-1,2-Dichloroethene	2.754	96	208621	50.733	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	657989	57.601	ug/L	100
19) 1,1-Dichloroethane	3.185	63	403659	53.300	ug/L	100
20) cis-1,2-Dichloroethene	3.905	96	237624	54.831	ug/L	100
22) 2-Butanone	3.970	43	332127	121.884	ug/L	100
23) Bromochloromethane	4.243	128	133083	53.629	ug/L	95
25) Chloroform	4.368	83	430137	53.253	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	302058	52.995	ug/L	99
29) Cyclohexane	4.674	56	271522	51.135	ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	360820	53.782	ug/L	99
31) Carbon tetrachloride	4.822	117	302214	51.448	ug/L	99
33) Benzene	5.095	78	918187	56.228	ug/L	100
34) Trichloroethene	5.912	95	218402	52.046	ug/L	98
35) Methylcyclohexane	6.127	83	301548	48.534	ug/L	100
37) 1,2-Dichloropropane	6.169	63	245000	57.646	ug/L	100
38) Bromodichloromethane	6.506	83	311150	54.012	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	315067	53.415	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	622926	123.161	ug/L	98
42) Toluene	7.384	91	962869	57.768	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	310118	53.314	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	257550	56.903	ug/L	97
46) Tetrachloroethene	7.973	164	168948	51.612	ug/L	96
48) 2-Hexanone	8.137	43	494446	125.606	ug/L	97
49) Dibromochloromethane	8.243	129	261185	55.211	ug/L	99
50) 1,2-Dibromoethane	8.349	107	258784	55.885	ug/L	99
51) Chlorobenzene	8.879	112	620759	53.430	ug/L	99
52) Ethylbenzene	9.011	91	965318	55.795	ug/L	100
53) m,p-Xylene	9.137	106	385991	56.978	ug/L	97
54) o-Xylene	9.542	106	377886	57.918	ug/L	99
55) Styrene	9.558	104	697066	60.495	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	413103	56.542	ug/L	99
59) Bromoform	9.728	173	175585	55.063	ug/L	99
60) Isopropylbenzene	9.931	105	967246	57.344	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	319243	55.741	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	778992	56.825	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	803983	58.470	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	466869	54.174	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	480783	52.650	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	492600	55.712	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	82072	53.636	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	303626	49.766	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	253729	49.359	ug/L	100
71) Naphthalene	13.500	128	885616	54.786	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	291548	54.372	ug/L	99

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

