

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072722\
 Data File : VW027035.D
 Acq On : 28 Jul 2022 06:27
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050314

Quant Time: Jul 28 07:37:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 28 02:51:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	462130	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	463759	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	254846	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	180988	46.695	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.400%
7) Chloroethane-d5	1.564	69	162640	51.869	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.740%
11) 1,1-Dichloroethene-d2	2.104	63	333067	47.765	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.520%
21) 2-Butanone-d5	3.889	46	247230	94.632	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.630%
24) Chloroform-d	4.342	84	405671	53.181	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.360%
26) 1,2-Dichloroethane-d4	5.027	65	233359	53.481	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.960%
32) Benzene-d6	5.047	84	765677	54.619	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.240%
36) 1,2-Dichloropropane-d6	6.066	67	245260	54.290	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.580%
41) Toluene-d8	7.313	98	676193	55.129	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.260%
43) trans-1,3-Dichloroprop...	7.619	79	85643	45.243	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.480%
47) 2-Hexanone-d5	8.088	63	226817	115.308	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.310%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	392999	57.264	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	114.520%
66) 1,2-Dichlorobenzene-d4	11.622	152	256745	53.700	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	196887	41.240	ug/L	100
3) Chloromethane	1.236	50	212967	47.702	ug/L	100
5) Vinyl chloride	1.307	62	220417	46.444	ug/L	100
6) Bromomethane	1.519	94	125882	43.897	ug/L	98
8) Chloroethane	1.580	64	145758	52.267	ug/L	97
9) Trichlorofluoromethane	1.748	101	296770	45.373	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	167951	43.905	ug/L	99
12) 1,1-Dichloroethene	2.114	96	173439	48.539	ug/L	93
13) Acetone	2.178	43	138396	75.445	ug/L	99
14) Carbon disulfide	2.288	76	452905	44.425	ug/L	99
15) Methyl Acetate	2.432	43	190985	47.202	ug/L	94
16) Methylene chloride	2.500	84	241874	53.104	ug/L	98
17) trans-1,2-Dichloroethene	2.754	96	188398	49.899	ug/L	98
18) Methyl tert-butyl Ether	2.767	73	618919	59.011	ug/L	100
19) 1,1-Dichloroethane	3.185	63	369477	53.136	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	214112	53.810	ug/L	100
22) 2-Butanone	3.969	43	232087	92.765	ug/L	98
23) Bromochloromethane	4.243	128	126457	55.502	ug/L	97
25) Chloroform	4.368	83	400758	54.039	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	287005	54.843	ug/L	99
29) Cyclohexane	4.674	56	235953	48.654	ug/L	98
30) 1,1,1-Trichloroethane	4.603	97	320925	52.376	ug/L	98
31) Carbon tetrachloride	4.821	117	268319	50.014	ug/L	97
33) Benzene	5.095	78	840491	56.355	ug/L	100
34) Trichloroethene	5.911	95	191268	49.907	ug/L	98
35) Methylcyclohexane	6.127	83	255509	45.027	ug/L	99
37) 1,2-Dichloropropane	6.169	63	223244	57.513	ug/L	99
38) Bromodichloromethane	6.506	83	291428	55.391	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	242925	45.094	ug/L	99
40) 4-Methyl-2-pentanone	7.226	43	598810	129.631	ug/L	99
42) Toluene	7.384	91	859409	56.455	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	238522	44.898	ug/L	98
45) 1,1,2-Trichloroethane	7.837	97	241763	58.486	ug/L	97
46) Tetrachloroethene	7.972	164	144295	48.265	ug/L	95
48) 2-Hexanone	8.140	43	474127	131.877	ug/L	97
49) Dibromochloromethane	8.243	129	244818	56.664	ug/L	99
50) 1,2-Dibromoethane	8.349	107	244534	57.820	ug/L	97
51) Chlorobenzene	8.879	112	552242	52.045	ug/L	100
52) Ethylbenzene	9.011	91	828897	52.458	ug/L	99
53) m,p-Xylene	9.136	106	337517	54.552	ug/L	98
54) o-Xylene	9.541	106	331183	55.579	ug/L	99
55) Styrene	9.558	104	614372	58.380	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	397283	59.539	ug/L	99
59) Bromoform	9.728	173	167438	58.807	ug/L	99
60) Isopropylbenzene	9.931	105	813038	53.985	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	305894	59.818	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	663010	54.167	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	675707	55.037	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	407289	52.930	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	417281	51.178	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	436535	55.294	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	76855	56.253	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	259646	47.663	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	219618	47.849	ug/L	100
71) Naphthalene	13.500	128	768728	53.261	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	258197	53.929	ug/L	99

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

