

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW093021\
 Data File : VW022445.D
 Acq On : 30 Sep 2021 20:31
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050353

Quant Time: Oct 01 02:44:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 01 02:38:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	230018	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	227576	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	124624	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	94004	48.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.32%
7) Chloroethane-d5	1.561	69	76219	49.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.74%
11) 1,1-Dichloroethene-d2	2.108	63	169069	49.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.64%
21) 2-Butanone-d5	3.873	46	127975	92.89	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.89%
24) Chloroform-d	4.349	84	165025	46.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.64%
26) 1,2-Dichloroethane-d4	5.031	65	99582	46.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.14%
32) Benzene-d6	5.050	84	336811	47.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.10%
36) 1,2-Dichloropropane-d6	6.072	67	104562	45.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.30%
41) Toluene-d8	7.317	98	316787	48.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.68%
43) trans-1,3-Dichloroprop...	7.622	79	46586	44.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.08%
47) 2-Hexanone-d5	8.088	63	89562	96.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.23%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	152922	45.99	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.98%
66) 1,2-Dichlorobenzene-d4	11.625	152	129745	46.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.64%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	112128	51.15	ug/L	99
3) Chloromethane	1.243	50	119010	53.09	ug/L	100
5) Vinyl chloride	1.310	62	113502	54.25	ug/L	99
6) Bromomethane	1.510	94	72445	53.94	ug/L	99
8) Chloroethane	1.577	64	72027	56.46	ug/L	97
9) Trichlorofluoromethane	1.748	101	156872	55.23	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	86007	54.00	ug/L	98
12) 1,1-Dichloroethene	2.114	96	84346	55.75	ug/L	96
13) Acetone	2.159	43	91791	84.89	ug/L	97
14) Carbon disulfide	2.291	76	248681	52.68	ug/L	99
15) Methyl Acetate	2.426	43	112451	55.80	ug/L	100
16) Methylene chloride	2.503	84	106313	50.42	ug/L	98
17) trans-1,2-Dichloroethene	2.757	96	94307	54.05	ug/L	97
18) Methyl tert-butyl Ether	2.767	73	284407	54.81	ug/L	99
19) 1,1-Dichloroethane	3.188	63	168154	53.39	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	100424	54.04	ug/L	96
22) 2-Butanone	3.957	43	141693	99.62	ug/L	95
23) Bromochloromethane	4.246	128	55830	55.42	ug/L	93
25) Chloroform	4.378	83	175189	54.00	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	123082	53.35	ug/L	99
29) Cyclohexane	4.677	56	139973	52.49	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	148573	54.39	ug/L	99
31) Carbon tetrachloride	4.828	117	132026	54.88	ug/L	98
33) Benzene	5.098	78	383148	55.17	ug/L	100
34) Trichloroethene	5.915	95	94592	52.96	ug/L	95
35) Methylcyclohexane	6.133	83	143482	52.15	ug/L	100
37) 1,2-Dichloropropane	6.175	63	96724	54.27	ug/L	99
38) Bromodichloromethane	6.510	83	123565	54.22	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	136381	51.99	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	272819	108.78	ug/L	98
42) Toluene	7.387	91	410542	55.38	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	131935	52.67	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	97586	53.80	ug/L	99
46) Tetrachloroethene	7.976	164	79496	54.06	ug/L	98
48) 2-Hexanone	8.140	43	212363	111.49	ug/L	99
49) Dibromochloromethane	8.249	129	106578	55.52	ug/L	100
50) 1,2-Dibromoethane	8.352	107	105829	54.58	ug/L	98
51) Chlorobenzene	8.883	112	261921	53.70	ug/L	99
52) Ethylbenzene	9.014	91	426181	54.89	ug/L	100
53) m,p-Xylene	9.140	106	165136	55.22	ug/L	100
54) o-Xylene	9.545	106	164613	56.65	ug/L	96
55) Styrene	9.561	104	287217	56.86	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.243	83	160335	53.40	ug/L	99
59) Bromoform	9.731	173	77870	55.69	ug/L	98
60) Isopropylbenzene	9.934	105	428365	55.80	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	124148	53.40	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	355531	56.20	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	363107	56.88	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	209904	53.94	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	208118	52.51	ug/L	100
67) 1,2-Dichlorobenzene	11.644	146	218586	55.01	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	33638	54.79	ug/L	99
69) 1,3,5-Trichlorobenzene	12.648	180	145262	51.74	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	120583	50.76	ug/L	99
71) Naphthalene	13.503	128	384919	52.89	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	131813	53.75	ug/L	98

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

