

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW093021\
 Data File : VW022471.D
 Acq On : 01 Oct 2021 07:17
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050354

Quant Time: Oct 01 07:37:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 01 04:27:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	226880	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	217139	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	123511	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	90645	47.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.16%
7) Chloroethane-d5	1.535	69	45633	29.96	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	59.92%#
11) 1,1-Dichloroethene-d2	2.098	63	162358	48.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.00%
21) 2-Butanone-d5	3.876	46	116417	85.67	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.67%
24) Chloroform-d	4.346	84	158553	45.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	5.031	65	94785	44.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.92%
32) Benzene-d6	5.047	84	317350	46.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.92%
36) 1,2-Dichloropropane-d6	6.069	67	98129	44.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.80%
41) Toluene-d8	7.313	98	297707	47.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.24%
43) trans-1,3-Dichloroprop...	7.622	79	40423	40.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.02%
47) 2-Hexanone-d5	8.091	63	82685	93.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.11%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	148903	46.94	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.88%
66) 1,2-Dichlorobenzene-d4	11.625	152	125787	45.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.60%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	106907	49.44	ug/L	100
3) Chloromethane	1.236	50	113220	51.20	ug/L	99
5) Vinyl chloride	1.307	62	112634	54.58	ug/L	99
6) Bromomethane	1.497	94	51991	39.25	ug/L	98
8) Chloroethane	1.552	64	59425	47.23	ug/L	98
9) Trichlorofluoromethane	1.732	101	154775	55.24	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	83782	53.33	ug/L	98
12) 1,1-Dichloroethene	2.108	96	83092	55.68	ug/L	80
13) Acetone	2.162	43	83833	78.61	ug/L	99
14) Carbon disulfide	2.281	76	236822	50.86	ug/L	100
15) Methyl Acetate	2.423	43	101988	51.31	ug/L	100
16) Methylene chloride	2.500	84	102574	49.32	ug/L	97
17) trans-1,2-Dichloroethene	2.751	96	89829	52.19	ug/L	100
18) Methyl tert-butyl Ether	2.767	73	278039	54.33	ug/L	99
19) 1,1-Dichloroethane	3.182	63	162165	52.20	ug/L	98
20) cis-1,2-Dichloroethene	3.905	96	96044	52.40	ug/L	98
22) 2-Butanone	3.960	43	124995	89.09	ug/L	99
23) Bromochloromethane	4.243	128	52345	52.68	ug/L	98
25) Chloroform	4.371	83	166947	52.17	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	119038	52.31	ug/L	98
29) Cyclohexane	4.674	56	133458	52.45	ug/L	100
30) 1,1,1-Trichloroethane	4.603	97	144528	55.45	ug/L	99
31) Carbon tetrachloride	4.825	117	124932	54.43	ug/L	99
33) Benzene	5.095	78	360735	54.44	ug/L	100
34) Trichloroethene	5.912	95	90861	53.32	ug/L	99
35) Methylcyclohexane	6.130	83	134320	51.16	ug/L	99
37) 1,2-Dichloropropane	6.172	63	92867	54.61	ug/L	99
38) Bromodichloromethane	6.510	83	116077	53.38	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	124227	49.63	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	254644	106.41	ug/L	98
42) Toluene	7.387	91	385720	54.53	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	118946	49.77	ug/L	100
45) 1,1,2-Trichloroethane	7.837	97	92803	53.62	ug/L	98
46) Tetrachloroethene	7.976	164	75716	53.96	ug/L	96
48) 2-Hexanone	8.140	43	202790	111.59	ug/L	100
49) Dibromochloromethane	8.246	129	100364	54.80	ug/L	98
50) 1,2-Dibromoethane	8.352	107	98698	53.35	ug/L	94
51) Chlorobenzene	8.882	112	245098	52.67	ug/L	99
52) Ethylbenzene	9.014	91	396593	53.53	ug/L	100
53) m,p-Xylene	9.140	106	155697	54.57	ug/L	100
54) o-Xylene	9.545	106	156746	56.54	ug/L	99
55) Styrene	9.561	104	272568	56.55	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	159512	55.68	ug/L	100
59) Bromoform	9.735	173	74201	53.55	ug/L	99
60) Isopropylbenzene	9.934	105	401074	52.72	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	121740	52.83	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	334390	53.34	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	343414	54.28	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	200669	52.03	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	203825	51.89	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	214674	54.51	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	30577	50.25	ug/L	98
69) 1,3,5-Trichlorobenzene	12.648	180	141072	50.70	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	111897	47.53	ug/L	99
71) Naphthalene	13.503	128	360121	49.93	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	124073	51.05	ug/L	98

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

