

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092821\
 Data File : VV022340.D
 Acq On : 27 Sep 2021 18:09
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV256

Quant Time: Sep 28 02:34:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 28 02:27:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	280221	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	270577	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	147934	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	114736	48.247	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.500%
7) Chloroethane-d5	1.561	69	89067	47.352	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.700%
11) 1,1-Dichloroethene-d2	2.105	63	198877	48.100	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.200%
21) 2-Butanone-d5	3.873	46	180571	107.590	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.590%
24) Chloroform-d	4.349	84	209794	48.856	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.720%
26) 1,2-Dichloroethane-d4	5.034	65	126798	48.151	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.300%
32) Benzene-d6	5.050	84	428120	50.295	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.600%
36) 1,2-Dichloropropane-d6	6.072	67	133975	49.198	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.400%
41) Toluene-d8	7.317	98	398799	51.187	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.380%
43) trans-1,3-Dichloroprop...	7.622	79	63907	51.393	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.780%
47) 2-Hexanone-d5	8.088	63	123716	111.806	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.810%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	198980	50.336	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.680%
66) 1,2-Dichlorobenzene-d4	11.625	152	164235	49.927	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.860%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	128068	47.956	ug/L	100
3) Chloromethane	1.243	50	130730	47.867	ug/L	100
5) Vinyl chloride	1.307	62	122957	48.241	ug/L	100
6) Bromomethane	1.513	94	81404	49.755	ug/L	97
8) Chloroethane	1.580	64	75209	48.393	ug/L	100
9) Trichlorofluoromethane	1.748	101	166852	48.216	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	90909	46.855	ug/L	98
12) 1,1-Dichloroethene	2.114	96	89909	48.780	ug/L	100
13) Acetone	2.159	43	116291	88.284	ug/L	96
14) Carbon disulfide	2.291	76	298381	51.881	ug/L	100
15) Methyl Acetate	2.426	43	129159	52.606	ug/L	100
16) Methylene chloride	2.503	84	117777	45.849	ug/L	100
17) trans-1,2-Dichloroethene	2.757	96	105851	49.797	ug/L	100
18) Methyl tert-butyl Ether	2.767	73	323851	51.233	ug/L	100
19) 1,1-Dichloroethane	3.188	63	187911	48.975	ug/L	100
20) cis-1,2-Dichloroethene	3.912	96	114408	50.535	ug/L	100
22) 2-Butanone	3.957	43	175995	101.566	ug/L	98
23) Bromochloromethane	4.249	128	61312	49.955	ug/L	98
25) Chloroform	4.375	83	190545	48.209	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	139046	49.472	ug/L	99
29) Cyclohexane	4.677	56	162476	51.245	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	164810	50.748	ug/L	98
31) Carbon tetrachloride	4.828	117	144858	50.646	ug/L	99
33) Benzene	5.098	78	424090	51.359	ug/L	100
34) Trichloroethene	5.915	95	106791	50.290	ug/L	97
35) Methylcyclohexane	6.133	83	167126	51.088	ug/L	100
37) 1,2-Dichloropropane	6.175	63	107319	50.642	ug/L	100
38) Bromodichloromethane	6.510	83	138586	51.147	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	169105	54.215	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	324212	108.725	ug/L	99
42) Toluene	7.387	91	454586	51.575	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	160900	54.027	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	109274	50.666	ug/L	98
46) Tetrachloroethene	7.976	164	87623	50.115	ug/L	95
48) 2-Hexanone	8.140	43	252427	111.467	ug/L	99
49) Dibromochloromethane	8.249	129	117195	51.352	ug/L	100
50) 1,2-Dibromoethane	8.352	107	116880	50.699	ug/L	100
51) Chlorobenzene	8.882	112	295061	50.885	ug/L	99
52) Ethylbenzene	9.014	91	477186	51.688	ug/L	100
53) m,p-Xylene	9.140	106	186580	52.479	ug/L	99
54) o-Xylene	9.545	106	183613	53.150	ug/L	97
55) Styrene	9.561	104	324410	54.013	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.242	83	180874	50.666	ug/L	98
59) Bromoform	9.731	173	86060	51.854	ug/L	99
60) Isopropylbenzene	9.934	105	479425	52.613	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	140521	50.914	ug/L	98
62) 1,3,5-Trimethylbenzene	10.541	105	400333	53.312	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	410161	54.127	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	237049	51.317	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	239468	50.895	ug/L	100
67) 1,2-Dichlorobenzene	11.644	146	238808	50.625	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	39369	54.021	ug/L	98
69) 1,3,5-Trichlorobenzene	12.648	180	173117	51.950	ug/L	99
70) 1,2,4-trichlorobenzene	13.265	180	155066	54.995	ug/L	99
71) Naphthalene	13.503	128	534961	61.922	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	158972	54.606	ug/L	99

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

