

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081921\
 Data File : VV021901.D
 Acq On : 19 Aug 2021 20:01
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050310

Quant Time: Aug 20 02:20:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 20 02:14:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	451285	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	422396	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	219905	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	141956	40.237	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.480%
7) Chloroethane-d5	1.558	69	112558	42.278	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.560%
11) 1,1-Dichloroethene-d2	2.105	63	230299	41.009	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.020%
21) 2-Butanone-d5	3.873	46	225408	102.730	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.730%
24) Chloroform-d	4.349	84	276841	45.292	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.580%
26) 1,2-Dichloroethane-d4	5.034	65	160072	45.528	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.060%
32) Benzene-d6	5.050	84	547888	45.106	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.220%
36) 1,2-Dichloropropane-d6	6.069	67	172101	45.498	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.000%
41) Toluene-d8	7.317	98	507162	45.174	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.340%
43) trans-1,3-Dichloroprop...	7.622	79	79843	42.890	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.780%
47) 2-Hexanone-d5	8.088	63	143930	116.097	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.100%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	245467	52.367	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.740%
66) 1,2-Dichlorobenzene-d4	11.625	152	208462	45.806	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.620%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	143476	41.095	ug/L	100
3) Chloromethane	1.240	50	152894	42.168	ug/L	99
5) Vinyl chloride	1.307	62	153329	42.945	ug/L	99
6) Bromomethane	1.507	94	94759	44.157	ug/L	95
8) Chloroethane	1.574	64	93602	43.872	ug/L	100
9) Trichlorofluoromethane	1.748	101	215979	44.151	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	117806	42.062	ug/L	99
12) 1,1-Dichloroethene	2.114	96	117023	43.867	ug/L	95
13) Acetone	2.159	43	120451	66.716	ug/L #	100
14) Carbon disulfide	2.288	76	381426	42.494	ug/L	100
15) Methyl Acetate	2.426	43	166585	50.225	ug/L	96
16) Methylene chloride	2.503	84	158784	42.792	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	146211	46.708	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	457949	47.569	ug/L	99
19) 1,1-Dichloroethane	3.188	63	256467	46.026	ug/L	98
20) cis-1,2-Dichloroethene	3.912	96	160872	44.380	ug/L	98
22) 2-Butanone	3.960	43	223696	85.078	ug/L	95
23) Bromochloromethane	4.246	128	84283	43.825	ug/L	96
25) Chloroform	4.378	83	261080	43.544	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	185478	43.906	ug/L	100
29) Cyclohexane	4.677	56	228180	43.862	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	231349	43.771	ug/L	99
31) Carbon tetrachloride	4.828	117	197957	43.284	ug/L	100
33) Benzene	5.098	78	584804	44.990	ug/L	100
34) Trichloroethene	5.915	95	152074	40.712	ug/L	99
35) Methylcyclohexane	6.134	83	232662	42.694	ug/L	99
37) 1,2-Dichloropropane	6.175	63	144376	43.865	ug/L	99
38) Bromodichloromethane	6.513	83	188877	43.540	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	232529	44.616	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	429349	94.832	ug/L	98
42) Toluene	7.387	91	622357	44.830	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	214070	43.585	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	151681	46.004	ug/L	98
46) Tetrachloroethene	7.976	164	120258	43.320	ug/L	99
48) 2-Hexanone	8.140	43	318921	90.938	ug/L	96
49) Dibromochloromethane	8.249	129	160925	44.206	ug/L	97
50) 1,2-Dibromoethane	8.352	107	163290	45.510	ug/L	98
51) Chlorobenzene	8.883	112	403929	44.563	ug/L	99
52) Ethylbenzene	9.014	91	666205	44.981	ug/L	99
53) m,p-Xylene	9.140	106	258395	45.016	ug/L	99
54) o-Xylene	9.545	106	253415	44.539	ug/L	99
55) Styrene	9.561	104	437267	45.893	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	235528	51.314	ug/L	98
59) Bromoform	9.735	173	114663	43.863	ug/L	99
60) Isopropylbenzene	9.934	105	664999	45.106	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	187499	46.138	ug/L	100
62) 1,3,5-Trimethylbenzene	10.542	105	563982	45.585	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	574037	45.633	ug/L	100
64) 1,3-Dichlorobenzene	11.185	146	317001	44.400	ug/L	100
65) 1,4-Dichlorobenzene	11.275	146	317597	44.565	ug/L	98
67) 1,2-Dichlorobenzene	11.645	146	322525	44.780	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	48956	49.548	ug/L	98
69) 1,3,5-Trichlorobenzene	12.648	180	227719	44.001	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	197619	45.530	ug/L	99
71) Naphthalene	13.503	128	704915	55.910	ug/L	99
72) 1,2,3-Trichlorobenzene	13.747	180	201750	46.269	ug/L	99

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

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