

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082721\
 Data File : VV021968.D
 Acq On : 27 Aug 2021 11:36
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV250

Manual Integrations
 APPROVED

MMDadoda
 8/30/2021 10:21:58 AM

Quant Time: Aug 28 02:39:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 28 02:34:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	397814	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	377918	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	210328	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	136574	49.575	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.140%
7) Chloroethane-d5	1.561	69	107051	49.759	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.520%
11) 1,1-Dichloroethene-d2	2.105	63	229918	50.463	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.920%
21) 2-Butanone-d5	3.873	46	193397	102.361	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.360%
24) Chloroform-d	4.346	84	255986	50.960	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.920%
26) 1,2-Dichloroethane-d4	5.031	65	151889	51.334	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.660%
32) Benzene-d6	5.050	84	524532	51.172	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.340%
36) 1,2-Dichloropropane-d6	6.069	67	158650	49.215	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.420%
41) Toluene-d8	7.317	98	499663	51.639	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.280%
43) trans-1,3-Dichloroprop...	7.622	79	80482	52.455	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.900%
47) 2-Hexanone-d5	8.088	63	133361	107.819	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.820%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	217726	52.736	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.480%
66) 1,2-Dichlorobenzene-d4	11.625	152	205898	49.796	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	131730	48.173	ug/L	99
3) Chloromethane	1.240	50	137673	47.547	ug/L	99
5) Vinyl chloride	1.310	62	140325	48.082	ug/L	99
6) Bromomethane	1.513	94	90273	51.448	ug/L	99
8) Chloroethane	1.581	64	86598	47.432	ug/L	100
9) Trichlorofluoromethane	1.751	101	204122	49.115	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	120361	49.376	ug/L	98
12) 1,1-Dichloroethene	2.114	96	113133	49.303	ug/L	94
13) Acetone	2.159	43	156338m	98.758	ug/L	
14) Carbon disulfide	2.291	76	348282	50.301	ug/L	100
15) Methyl Acetate	2.426	43	150240	48.734	ug/L	99
16) Methylene chloride	2.503	84	149030	48.475	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	138235	49.824	ug/L	98
18) Methyl tert-butyl Ether	2.767	73	436564	49.516	ug/L	100
19) 1,1-Dichloroethane	3.188	63	243569	49.291	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	153578	49.734	ug/L	97
22) 2-Butanone	3.957	43	217661	97.816	ug/L	100
23) Bromochloromethane	4.246	128	81745	49.707	ug/L	97
25) Chloroform	4.375	83	251593	48.097	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	176673	50.385	ug/L	99
29) Cyclohexane	4.677	56	209191	49.517	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	223722	49.809	ug/L	98
31) Carbon tetrachloride	4.828	117	193501	50.144	ug/L	100
33) Benzene	5.098	78	541019	49.205	ug/L	100
34) Trichloroethene	5.915	95	149347	47.952	ug/L	99
35) Methylcyclohexane	6.130	83	222139	48.789	ug/L	99
37) 1,2-Dichloropropane	6.172	63	137782	48.342	ug/L	100
38) Bromodichloromethane	6.510	83	181945	49.918	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	225359	51.213	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	381706	98.786	ug/L	99
42) Toluene	7.387	91	594987	50.138	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	210741	51.457	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	143473	49.473	ug/L	99
46) Tetrachloroethene	7.976	164	122019	50.385	ug/L	99
48) 2-Hexanone	8.140	43	301144	100.447	ug/L	99
49) Dibromochloromethane	8.246	129	156704	50.481	ug/L	99
50) 1,2-Dibromoethane	8.352	107	155201	49.866	ug/L	100
51) Chlorobenzene	8.882	112	393155	49.276	ug/L	99
52) Ethylbenzene	9.014	91	646932	50.360	ug/L	100
53) m,p-Xylene	9.140	106	248526	49.774	ug/L	98
54) o-Xylene	9.545	106	247379	50.072	ug/L	97
55) Styrene	9.561	104	427219	50.671	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	217585	51.784	ug/L	100
59) Bromoform	9.735	173	114062	51.060	ug/L	99
60) Isopropylbenzene	9.934	105	654380	49.514	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	173791	47.676	ug/L	100
62) 1,3,5-Trimethylbenzene	10.542	105	553359	49.873	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	572538	50.768	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	328311	48.927	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	333855	48.622	ug/L	100
67) 1,2-Dichlorobenzene	11.644	146	324993	48.778	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	45748	52.073	ug/L	97
69) 1,3,5-Trichlorobenzene	12.648	180	253387	50.501	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	226213	51.251	ug/L	100
71) Naphthalene	13.503	128	701609	55.259	ug/L	99
72) 1,2,3-Trichlorobenzene	13.747	180	224635	52.179	ug/L	100

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

