

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102821\
 Data File : VV023081.D
 Acq On : 28 Oct 2021 17:43
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV268

Quant Time: Oct 29 02:14:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 29 01:52:27 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	312119	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	303066	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	168850	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	106527	49.524	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.040%
7) Chloroethane-d5	1.564	69	82963	49.449	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.900%
11) 1,1-Dichloroethene-d2	2.111	63	199454	48.950	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.900%
21) 2-Butanone-d5	3.873	46	169475	105.161	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.160%
24) Chloroform-d	4.346	84	223481	49.414	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.820%
26) 1,2-Dichloroethane-d4	5.030	65	134560	50.267	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.540%
32) Benzene-d6	5.050	84	428254	51.584	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.160%
36) 1,2-Dichloropropane-d6	6.069	67	133526	50.524	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.040%
41) Toluene-d8	7.313	98	399732	52.774	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.540%
43) trans-1,3-Dichloroprop...	7.619	79	67267	53.103	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.200%
47) 2-Hexanone-d5	8.085	63	126379	110.097	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.100%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	191599	49.602	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	165069	50.681	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	146009	49.209	ug/L	99
3) Chloromethane	1.243	50	134017	47.888	ug/L	100
5) Vinyl chloride	1.310	62	135913	48.602	ug/L	99
6) Bromomethane	1.519	94	76406	48.635	ug/L	98
8) Chloroethane	1.584	64	80784	47.450	ug/L	97
9) Trichlorofluoromethane	1.754	101	199880	47.097	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	106876	47.436	ug/L	98
12) 1,1-Dichloroethene	2.117	96	101756	48.672	ug/L	90
13) Acetone	2.166	43	133281	83.437	ug/L #	76
14) Carbon disulfide	2.294	76	312236	49.940	ug/L	100
15) Methyl Acetate	2.426	43	131195	49.482	ug/L	98
16) Methylene chloride	2.506	84	127483	47.600	ug/L	98
17) trans-1,2-Dichloroethene	2.760	96	117685	49.324	ug/L	96
18) Methyl tert-butyl Ether	2.767	73	365056	50.948	ug/L	100
19) 1,1-Dichloroethane	3.188	63	212994	47.913	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	127840	50.125	ug/L	95
22) 2-Butanone	3.957	43	185153	101.696	ug/L	98
23) Bromochloromethane	4.246	128	69523	48.371	ug/L	99
25) Chloroform	4.371	83	220866	48.312	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	163693	47.702	ug/L	100
29) Cyclohexane	4.677	56	185129	52.332	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	197876	48.997	ug/L	99
31) Carbon tetrachloride	4.828	117	177676	48.948	ug/L	100
33) Benzene	5.098	78	477671	50.594	ug/L	100
34) Trichloroethene	5.911	95	125554	50.893	ug/L	97
35) Methylcyclohexane	6.130	83	198357	51.594	ug/L	99
37) 1,2-Dichloropropane	6.172	63	123283	49.688	ug/L	100
38) Bromodichloromethane	6.506	83	166972	49.720	ug/L	96
39) cis-1,3-Dichloropropene	7.027	75	194340	51.645	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	331796	103.682	ug/L	99
42) Toluene	7.387	91	520531	51.515	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	189807	52.026	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	122203	48.236	ug/L	98
46) Tetrachloroethene	7.976	164	104605	49.180	ug/L	98
48) 2-Hexanone	8.136	43	260115	102.375	ug/L	99
49) Dibromochloromethane	8.246	129	142036	49.064	ug/L	99
50) 1,2-Dibromoethane	8.352	107	130955	49.075	ug/L	100
51) Chlorobenzene	8.882	112	336982	49.371	ug/L	99
52) Ethylbenzene	9.011	91	553098	51.446	ug/L	99
53) m,p-Xylene	9.136	106	218215	52.655	ug/L	97
54) o-Xylene	9.545	106	209177	51.858	ug/L	97
55) Styrene	9.561	104	373572	53.285	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.242	83	194543	48.151	ug/L	100
59) Bromoform	9.731	173	105866	49.567	ug/L	98
60) Isopropylbenzene	9.931	105	555437	51.491	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	152940	48.329	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	469445	52.840	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	479487	53.761	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	274033	50.251	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	278275	48.992	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	275451	49.954	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.429	75	43144	48.849	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	209934	50.897	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	189085	52.895	ug/L	100
71) Naphthalene	13.503	128	634761	55.306	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	198986	52.661	ug/L	99

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

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