

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102821\
 Data File : VX025002.D
 Acq On : 28 Oct 2021 12:56
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV628

Manual Integrations
 APPROVED

MMDadoda
 11/1/2021 12:58:34 PM

Quant Time: Oct 29 06:47:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 28 12:38:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	169306m	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	153434	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	76804	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	56388	52.248	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 104.500%			
7) Chloroethane-d5	1.666	69	38711	52.475	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 104.960%			
11) 1,1-Dichloroethene-d2	2.306	63	135138	50.815	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 101.620%			
21) 2-Butanone-d5	4.465	46	112916	104.747	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 104.750%			
24) Chloroform-d	5.062	84	146437	51.856	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.720%			
26) 1,2-Dichloroethane-d4	5.964	65	104862	50.637	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.280%			
32) Benzene-d6	5.977	84	221694	50.905	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.820%			
36) 1,2-Dichloropropane-d6	7.312	67	77598	52.284	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 104.560%			
41) Toluene-d8	8.653	98	216162	51.881	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.760%			
43) trans-1,3-Dichloroprop...	8.952	79	44585	52.274	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 104.540%			
47) 2-Hexanone-d5	9.384	63	82748	109.507	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 109.510%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	107177	53.404	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 106.800%			
66) 1,2-Dichlorobenzene-d4	12.323	152	77189	51.792	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.580%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	79657	50.126	ug/L	100
3) Chloromethane	1.288	50	53664	48.563	ug/L	92
5) Vinyl chloride	1.374	62	61348	49.345	ug/L	94
6) Bromomethane	1.611	94	41778	52.229	ug/L	99
8) Chloroethane	1.691	64	33466	53.275	ug/L	93
9) Trichlorofluoromethane	1.886	101	139072	50.390	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	64594	51.598	ug/L	91
12) 1,1-Dichloroethene	2.319	96	51502	48.906	ug/L #	62
13) Acetone	2.392	43	116279	113.483	ug/L	90
14) Carbon disulfide	2.514	76	147908	51.818	ug/L	100
15) Methyl Acetate	2.703	43	76366m	51.550	ug/L	
16) Methylene chloride	2.794	84	60560	50.789	ug/L #	77
17) trans-1,2-Dichloroethene	3.093	96	56521	52.414	ug/L	80
18) Methyl tert-butyl Ether	3.111	73	225393	50.615	ug/L #	89
19) 1,1-Dichloroethane	3.611	63	126497	50.484	ug/L	90
20) cis-1,2-Dichloroethene	4.495	96	63557m	52.172	ug/L	
22) 2-Butanone	4.568	43	131517	104.270	ug/L	78
23) Bromochloromethane	4.904	128	30228	49.667	ug/L #	63
25) Chloroform	5.099	83	140078	50.233	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	122507	49.693	ug/L	97
29) Cyclohexane	5.477	56	108919	52.358	ug/L #	76
30) 1,1,1-Trichloroethane	5.391	97	134633	50.727	ug/L #	93
31) Carbon tetrachloride	5.678	117	115214	51.251	ug/L	100
33) Benzene	6.044	78	238354	50.175	ug/L	100
34) Trichloroethene	7.129	95	71511	49.898	ug/L	97
35) Methylcyclohexane	7.379	83	109068	52.741	ug/L #	85
37) 1,2-Dichloropropane	7.434	63	68238	50.492	ug/L #	96
38) Bromodichloromethane	7.824	83	104087	50.411	ug/L #	97
39) cis-1,3-Dichloropropene	8.366	75	112649	51.287	ug/L	94
40) 4-Methyl-2-pentanone	8.574	43	219179	104.431	ug/L #	78
42) Toluene	8.720	91	265559	51.085	ug/L	100
44) trans-1,3-Dichloropropene	8.982	75	122664	54.240	ug/L	97
45) 1,1,2-Trichloroethane	9.153	97	62515	49.411	ug/L	94
46) Tetrachloroethene	9.275	164	47201	52.764	ug/L	96
48) 2-Hexanone	9.433	43	184573	106.401	ug/L #	81
49) Dibromochloromethane	9.525	129	73769	51.799	ug/L	98
50) 1,2-Dibromoethane	9.610	107	70699	50.651	ug/L	96
51) Chlorobenzene	10.079	112	159186	51.207	ug/L #	88
52) Ethylbenzene	10.195	91	311499	51.926	ug/L	96
53) m,p-Xylene	10.305	106	109076	52.863	ug/L	99
54) o-Xylene	10.646	106	103905	51.513	ug/L	92
55) Styrene	10.659	104	177268	51.961	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.213	83	103954	51.059	ug/L	95
59) Bromoform	10.805	173	46651	49.312	ug/L	92
60) Isopropylbenzene	10.963	105	306407	52.340	ug/L	97
61) 1,2,3-Trichloropropane	11.244	75	92535	49.463	ug/L	92
62) 1,3,5-Trimethylbenzene	11.457	105	265532	52.372	ug/L	98
63) 1,2,4-Trimethylbenzene	11.756	105	262298	51.606	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	119462	52.437	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	121606	51.613	ug/L	97
67) 1,2-Dichlorobenzene	12.341	146	119767	51.463	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	30536	50.053	ug/L #	86
69) 1,3,5-Trichlorobenzene	13.116	180	87418	53.426	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	74679	53.843	ug/L	99
71) Naphthalene	13.780	128	271036	56.504	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	79067	55.436	ug/L	99

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

