

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122821\
 Data File : VX026102.D
 Acq On : 28 Dec 2021 16:38
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV665

Quant Time: Dec 29 04:11:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 29 04:03:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	227078	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	200487	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	97569	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.373	65	86777	49.236	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 98.480%			
7) Chloroethane-d5	1.672	69	66281	51.732	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 103.460%			
11) 1,1-Dichloroethene-d2	2.312	63	164500	51.133	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 102.260%			
21) 2-Butanone-d5	4.458	46	122435	100.533	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 100.530%			
24) Chloroform-d	5.062	84	149680	50.008	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.020%			
26) 1,2-Dichloroethane-d4	5.964	65	97031	50.010	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.020%			
32) Benzene-d6	5.982	84	290493	50.257	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.520%			
36) 1,2-Dichloropropane-d6	7.311	67	91587	51.220	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.440%			
41) Toluene-d8	8.653	98	264312	50.140	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.280%			
43) trans-1,3-Dichloroprop...	8.951	79	43941	50.341	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 100.680%			
47) 2-Hexanone-d5	9.384	63	84101	100.848	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 100.850%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	121179	50.920	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 101.840%			
66) 1,2-Dichlorobenzene-d4	12.323	152	92142	49.507	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.020%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	119390	54.531	ug/L	100
3) Chloromethane	1.294	50	101421	53.226	ug/L	97
5) Vinyl chloride	1.380	62	103506	54.118	ug/L	98
6) Bromomethane	1.611	94	59955	53.842	ug/L	99
8) Chloroethane	1.690	64	61346	54.471	ug/L	98
9) Trichlorofluoromethane	1.892	101	159986	54.556	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.337	101	81636	54.863	ug/L	98
12) 1,1-Dichloroethene	2.325	96	74944	54.135	ug/L	98
13) Acetone	2.385	43	129103	111.937	ug/L	100
14) Carbon disulfide	2.520	76	232925	53.584	ug/L	100
15) Methyl Acetate	2.709	43	96111	52.956	ug/L	100
16) Methylene chloride	2.794	84	81503	52.858	ug/L	98
17) trans-1,2-Dichloroethene	3.099	96	77893	53.451	ug/L	99
18) Methyl tert-butyl Ether	3.117	73	249062	53.459	ug/L	99
19) 1,1-Dichloroethane	3.617	63	144845	54.003	ug/L	99
20) cis-1,2-Dichloroethene	4.495	96	85993	53.920	ug/L	96
22) 2-Butanone	4.562	43	166448	109.683	ug/L	98
23) Bromochloromethane	4.909	128	43170	53.363	ug/L	94
25) Chloroform	5.098	83	150245	54.476	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	122098	54.497	ug/L	98
29) Cyclohexane	5.476	56	139093	55.127	ug/L	99
30) 1,1,1-Trichloroethane	5.391	97	132247	54.180	ug/L	99
31) Carbon tetrachloride	5.684	117	119558	54.454	ug/L	99
33) Benzene	6.043	78	318535	53.811	ug/L	100
34) Trichloroethene	7.129	95	83698	53.701	ug/L	98
35) Methylcyclohexane	7.385	83	136135	56.630	ug/L	97
37) 1,2-Dichloropropane	7.433	63	82993	54.458	ug/L	100
38) Bromodichloromethane	7.824	83	116042	54.807	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	130319	55.452	ug/L	98
40) 4-Methyl-2-pentanone	8.573	43	267047	108.599	ug/L	100
42) Toluene	8.720	91	340612	54.022	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	124318	55.211	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	77713	53.447	ug/L	98
46) Tetrachloroethene	9.274	164	65287	56.666	ug/L	98
48) 2-Hexanone	9.433	43	226627	111.905	ug/L	99
49) Dibromochloromethane	9.524	129	91657	55.228	ug/L	99
50) 1,2-Dibromoethane	9.610	107	83748	54.109	ug/L	93
51) Chlorobenzene	10.079	112	210381	54.123	ug/L	100
52) Ethylbenzene	10.195	91	367055	55.380	ug/L	100
53) m,p-Xylene	10.305	106	139972	55.334	ug/L	96
54) o-Xylene	10.646	106	137019	55.760	ug/L	100
55) Styrene	10.658	104	236131	55.979	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	124053	54.324	ug/L	97
59) Bromoform	10.799	173	64157	54.474	ug/L	100
60) Isopropylbenzene	10.963	105	360514	55.098	ug/L	100
61) 1,2,3-Trichloropropane	11.244	75	99670	53.756	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	305061	55.995	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	303996	55.342	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	158277	55.384	ug/L	97
65) 1,4-Dichlorobenzene	12.042	146	156180	53.335	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	152925	53.712	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	30332	54.539	ug/L	98
69) 1,3,5-Trichlorobenzene	13.115	180	108603	55.917	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	96868	55.411	ug/L	99
71) Naphthalene	13.780	128	367459	55.881	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	97324	54.864	ug/L	100

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

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