

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122821\
 Data File : VX026103.D
 Acq On : 28 Dec 2021 17:06
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050747

Quant Time: Dec 29 04:11:37 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	6.763	114	227837	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	202182	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	97769	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	82995	46.933	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.860%
7) Chloroethane-d5	1.672	69	61840	48.105	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.220%
11) 1,1-Dichloroethene-d2	2.312	63	154050	47.726	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.460%
21) 2-Butanone-d5	4.464	46	119244	97.587	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.590%
24) Chloroform-d	5.062	84	145526	48.458	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.920%
26) 1,2-Dichloroethane-d4	5.958	65	95133	48.869	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.740%
32) Benzene-d6	5.976	84	279683	47.981	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.960%
36) 1,2-Dichloropropane-d6	7.312	67	86956	48.222	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.440%
41) Toluene-d8	8.653	98	256589	48.267	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.540%
43) trans-1,3-Dichloroprop...	8.951	79	42666	48.470	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.940%
47) 2-Hexanone-d5	9.384	63	83695	99.519	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.520%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	118991	49.581	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.160%
66) 1,2-Dichlorobenzene-d4	12.323	152	89586	48.036	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	108853	49.553	ug/L	99
3) Chloromethane	1.294	50	93643	48.980	ug/L	98
5) Vinyl chloride	1.374	62	92979	48.452	ug/L	100
6) Bromomethane	1.617	94	54733	48.988	ug/L	99
8) Chloroethane	1.691	64	55940	49.505	ug/L	100
9) Trichlorofluoromethane	1.892	101	147412	50.100	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	74592	49.962	ug/L	97
12) 1,1-Dichloroethene	2.325	96	69753	50.217	ug/L	96
13) Acetone	2.386	43	118710	102.583	ug/L	99
14) Carbon disulfide	2.514	76	213996	49.065	ug/L	99
15) Methyl Acetate	2.709	43	91658	50.334	ug/L	99
16) Methylene chloride	2.794	84	76114	49.199	ug/L	97
17) trans-1,2-Dichloroethene	3.099	96	72240	49.406	ug/L	98
18) Methyl tert-butyl Ether	3.117	73	235326	50.342	ug/L	100
19) 1,1-Dichloroethane	3.611	63	133788	49.714	ug/L	99
20) cis-1,2-Dichloroethene	4.495	96	79158	49.469	ug/L	99
22) 2-Butanone	4.562	43	152830	100.374	ug/L	98
23) Bromochloromethane	4.903	128	40773	50.232	ug/L	93
25) Chloroform	5.098	83	138142	49.921	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	114196	50.800	ug/L	97
29) Cyclohexane	5.476	56	126843	49.851	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	121673	49.430	ug/L	99
31) Carbon tetrachloride	5.684	117	110483	49.899	ug/L	99
33) Benzene	6.043	78	298027	49.924	ug/L	100
34) Trichloroethene	7.129	95	78259	49.791	ug/L	98
35) Methylcyclohexane	7.385	83	124430	51.327	ug/L	99
37) 1,2-Dichloropropane	7.433	63	77304	50.300	ug/L	99
38) Bromodichloromethane	7.824	83	108709	50.913	ug/L	97
39) cis-1,3-Dichloropropene	8.366	75	120250	50.738	ug/L	99
40) 4-Methyl-2-pentanone	8.573	43	254357	102.571	ug/L	99
42) Toluene	8.720	91	315907	49.684	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	116575	51.338	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	73299	49.988	ug/L	99
46) Tetrachloroethene	9.275	164	59191	50.944	ug/L	99
48) 2-Hexanone	9.433	43	207542	101.622	ug/L	100
49) Dibromochloromethane	9.525	129	84521	50.501	ug/L	98
50) 1,2-Dibromoethane	9.610	107	78773	50.468	ug/L	94
51) Chlorobenzene	10.079	112	193105	49.262	ug/L	99
52) Ethylbenzene	10.195	91	337656	50.518	ug/L	99
53) m,p-Xylene	10.305	106	128746	50.469	ug/L	98
54) o-Xylene	10.640	106	125933	50.819	ug/L	96
55) Styrene	10.658	104	216212	50.827	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	114433	49.691	ug/L	100
59) Bromoform	10.799	173	60310	51.103	ug/L	100
60) Isopropylbenzene	10.963	105	331512	50.562	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	93606	50.382	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	281638	51.590	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	281584	51.157	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	144757	50.549	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	145775	49.680	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	142996	50.121	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	27986	50.217	ug/L	98
69) 1,3,5-Trichlorobenzene	13.115	180	101633	52.222	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	89299	50.977	ug/L	98
71) Naphthalene	13.780	128	337862	51.275	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	90487	50.905	ug/L	98

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

