

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122821\
 Data File : VX026126.D
 Acq On : 29 Dec 2021 02:33
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050748

Quant Time: Dec 29 04:37:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 29 04:20:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	199925	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	176524	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	83365	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	74734	48.162	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 96.320%			
7) Chloroethane-d5	1.666	69	61637	54.641	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 109.280%			
11) 1,1-Dichloroethene-d2	2.312	63	139341	49.195	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.400%			
21) 2-Butanone-d5	4.458	46	119996	111.912	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 111.910%			
24) Chloroform-d	5.068	84	144790	54.944	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.880%			
26) 1,2-Dichloroethane-d4	5.964	65	95767	56.062	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 112.120%			
32) Benzene-d6	5.983	84	278308	54.685	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.380%			
36) 1,2-Dichloropropane-d6	7.312	67	86740	55.094	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 110.180%			
41) Toluene-d8	8.653	98	248923	53.631	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.260%			
43) trans-1,3-Dichloroprop...	8.952	79	40476	52.666	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 105.340%			
47) 2-Hexanone-d5	9.384	63	80494	109.625	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 109.630%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	115539	55.141	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 110.280%			
66) 1,2-Dichlorobenzene-d4	12.323	152	86192	54.201	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 108.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	78863	40.913	ug/L	98
3) Chloromethane	1.294	50	90877	54.170	ug/L	99
5) Vinyl chloride	1.374	62	83078	49.336	ug/L	100
6) Bromomethane	1.611	94	52140	53.183	ug/L	99
8) Chloroethane	1.691	64	54163	54.624	ug/L	100
9) Trichlorofluoromethane	1.892	101	114923	44.512	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.337	101	53578	40.897	ug/L	99
12) 1,1-Dichloroethene	2.325	96	61385	50.363	ug/L	99
13) Acetone	2.386	43	80420	79.197	ug/L	98
14) Carbon disulfide	2.520	76	185282	48.412	ug/L	100
15) Methyl Acetate	2.709	43	89937	56.285	ug/L	99
16) Methylene chloride	2.794	84	75106	55.325	ug/L	98
17) trans-1,2-Dichloroethene	3.099	96	68124	53.096	ug/L	99
18) Methyl tert-butyl Ether	3.117	73	234190	57.094	ug/L	100
19) 1,1-Dichloroethane	3.617	63	131441	55.661	ug/L	97
20) cis-1,2-Dichloroethene	4.495	96	78052	55.588	ug/L	94
22) 2-Butanone	4.562	43	128696	96.324	ug/L	98
23) Bromochloromethane	4.910	128	40448	56.789	ug/L	95
25) Chloroform	5.105	83	138323	56.965	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	112361	56.963	ug/L	95
29) Cyclohexane	5.477	56	94226	42.415	ug/L	99
30) 1,1,1-Trichloroethane	5.397	97	111415	51.842	ug/L	99
31) Carbon tetrachloride	5.690	117	94973	49.129	ug/L	99
33) Benzene	6.043	78	292278	56.078	ug/L	100
34) Trichloroethene	7.129	95	72840	53.079	ug/L	97
35) Methylcyclohexane	7.385	83	81865	38.678	ug/L	98
37) 1,2-Dichloropropane	7.434	63	74884	55.808	ug/L	100
38) Bromodichloromethane	7.824	83	104281	55.938	ug/L	99
39) cis-1,3-Dichloropropene	8.372	75	113044	54.631	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	247328	114.234	ug/L	100
42) Toluene	8.720	91	301863	54.376	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	109346	55.154	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	72286	56.463	ug/L	97
46) Tetrachloroethene	9.275	164	51118	50.391	ug/L	98
48) 2-Hexanone	9.433	43	188194	105.542	ug/L	99
49) Dibromochloromethane	9.525	129	82216	56.264	ug/L	98
50) 1,2-Dibromoethane	9.610	107	77225	56.668	ug/L	97
51) Chlorobenzene	10.079	112	189696	55.427	ug/L	98
52) Ethylbenzene	10.195	91	316434	54.224	ug/L	100
53) m,p-Xylene	10.305	106	120445	54.078	ug/L	97
54) o-Xylene	10.646	106	119476	55.221	ug/L	98
55) Styrene	10.659	104	207064	55.752	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.213	83	111132	55.272	ug/L	99
59) Bromoform	10.805	173	56346	55.993	ug/L	99
60) Isopropylbenzene	10.963	105	295775	52.906	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	91710	57.890	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	252233	54.187	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	256973	54.752	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	133589	54.710	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	135197	54.036	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	134970	55.482	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	26259	55.260	ug/L	99
69) 1,3,5-Trichlorobenzene	13.115	180	83272	50.180	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	76626	51.300	ug/L	99
71) Naphthalene	13.780	128	313371	55.775	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	79336	52.343	ug/L	99

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

