

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122921\
 Data File : VX026128.D
 Acq On : 29 Dec 2021 10:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050749

Quant Time: Dec 30 02:36:37 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	6.763	114	206256	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	181897	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	89532	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	88341	55.184	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 110.360%			
7) Chloroethane-d5	1.672	69	67733	58.202	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 116.400%			
11) 1,1-Dichloroethene-d2	2.312	63	158588	54.272	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 108.540%			
21) 2-Butanone-d5	4.458	46	128890	116.518	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 116.520%			
24) Chloroform-d	5.056	84	156808	57.678	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 115.360%			
26) 1,2-Dichloroethane-d4	5.958	65	104781	59.456	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 118.920%			
32) Benzene-d6	5.976	84	306901	58.522	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 117.040%			
36) 1,2-Dichloropropane-d6	7.312	67	95242	58.708	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 117.420%			
41) Toluene-d8	8.647	98	278969	58.329	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 116.660%			
43) trans-1,3-Dichloroprop...	8.952	79	47662	60.184	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 120.360%			
47) 2-Hexanone-d5	9.384	63	88725	117.266	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 117.270%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	126883	58.766	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 117.540%			
66) 1,2-Dichlorobenzene-d4	12.323	152	98921	57.921	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 115.840%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	91513	46.018	ug/L	100
3) Chloromethane	1.294	50	77161	44.582	ug/L	98
5) Vinyl chloride	1.374	62	77605	44.672	ug/L	100
6) Bromomethane	1.617	94	43935	43.438	ug/L	97
8) Chloroethane	1.691	64	45798	44.770	ug/L	100
9) Trichlorofluoromethane	1.892	101	121712	45.694	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	62416	46.180	ug/L	98
12) 1,1-Dichloroethene	2.325	96	56546	44.969	ug/L	95
13) Acetone	2.386	43	106359	101.527	ug/L	99
14) Carbon disulfide	2.514	76	177136	44.863	ug/L	100
15) Methyl Acetate	2.709	43	70626	42.843	ug/L	98
16) Methylene chloride	2.794	84	61445	43.872	ug/L	97
17) trans-1,2-Dichloroethene	3.093	96	58516	44.208	ug/L	98
18) Methyl tert-butyl Ether	3.117	73	186758	44.133	ug/L	99
19) 1,1-Dichloroethane	3.617	63	109047	44.760	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	63789	44.035	ug/L	98
22) 2-Butanone	4.556	43	122293	88.722	ug/L	100
23) Bromochloromethane	4.903	128	32739	44.554	ug/L	98
25) Chloroform	5.099	83	118900	47.463	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	91750	45.086	ug/L	98
29) Cyclohexane	5.477	56	104660	45.720	ug/L	100
30) 1,1,1-Trichloroethane	5.385	97	99986	45.150	ug/L	99
31) Carbon tetrachloride	5.678	117	90329	45.346	ug/L	99
33) Benzene	6.037	78	241631	44.991	ug/L	100
34) Trichloroethene	7.123	95	64384	45.531	ug/L	97
35) Methylcyclohexane	7.385	83	102513	47.002	ug/L	99
37) 1,2-Dichloropropane	7.427	63	62419	45.144	ug/L	99
38) Bromodichloromethane	7.824	83	87976	45.798	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	96842	45.418	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	194077	86.991	ug/L	99
42) Toluene	8.720	91	259648	45.390	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	93287	45.664	ug/L	96
45) 1,1,2-Trichloroethane	9.153	97	58204	44.120	ug/L	99
46) Tetrachloroethene	9.275	164	48474	46.373	ug/L	99
48) 2-Hexanone	9.433	43	164600	89.583	ug/L	100
49) Dibromochloromethane	9.525	129	68011	45.168	ug/L	97
50) 1,2-Dibromoethane	9.610	107	62334	44.390	ug/L	95
51) Chlorobenzene	10.079	112	156957	44.506	ug/L	97
52) Ethylbenzene	10.195	91	273759	45.525	ug/L	99
53) m,p-Xylene	10.305	106	105634	46.027	ug/L	99
54) o-Xylene	10.640	106	100837	45.229	ug/L	95
55) Styrene	10.652	104	173327	45.289	ug/L	90
57) 1,1,2,2-Tetrachloroethane	11.213	83	90698	43.777	ug/L	99
59) Bromoform	10.799	173	47565	44.011	ug/L	100
60) Isopropylbenzene	10.963	105	270718	45.089	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	74714	43.913	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	228463	45.699	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	229146	45.460	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	118066	45.022	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	120175	44.724	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	118057	45.187	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	21657	42.436	ug/L	98
69) 1,3,5-Trichlorobenzene	13.115	180	81511	45.736	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	72869	45.425	ug/L	99
71) Naphthalene	13.780	128	266929	44.237	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	73101	44.908	ug/L	99

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

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