

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122921\
 Data File : VX026145.D
 Acq On : 29 Dec 2021 17:40
 Operator : JC/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050750

Quant Time: Dec 30 02:43:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 30 02:39:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	193028	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	171503	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	81991	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	75851	50.628	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 101.260%	
7) Chloroethane-d5	1.672	69	59504	54.635	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 109.280%	
11) 1,1-Dichloroethene-d2	2.312	63	145587	53.237	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 106.480%	
21) 2-Butanone-d5	4.458	46	115656	111.719	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 111.720%	
24) Chloroform-d	5.068	84	137172	53.913	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	= 107.820%	
26) 1,2-Dichloroethane-d4	5.964	65	91251	55.327	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 110.660%	
32) Benzene-d6	5.983	84	265088	53.612	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 107.220%	
36) 1,2-Dichloropropane-d6	7.318	67	83972	54.898	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 109.800%	
41) Toluene-d8	8.653	98	238194	52.822	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 105.640%	
43) trans-1,3-Dichloroprop...	8.952	79	38476	51.529	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 103.060%	
47) 2-Hexanone-d5	9.384	63	78102	109.482	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 109.480%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	112015	55.024	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 110.040%	
66) 1,2-Dichlorobenzene-d4	12.323	152	90315	57.745	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 115.500%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	104699	56.257	ug/L	100
3) Chloromethane	1.294	50	90591	55.929	ug/L	97
5) Vinyl chloride	1.374	62	90759	55.823	ug/L	100
6) Bromomethane	1.611	94	52777	55.756	ug/L	96
8) Chloroethane	1.691	64	54244	56.661	ug/L	98
9) Trichlorofluoromethane	1.892	101	141167	56.630	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.337	101	71033	56.158	ug/L	98
12) 1,1-Dichloroethene	2.325	96	65646	55.783	ug/L	98
13) Acetone	2.386	43	97866	99.822	ug/L	99
14) Carbon disulfide	2.520	76	193030	52.239	ug/L	100
15) Methyl Acetate	2.709	43	86436	56.027	ug/L	100
16) Methylene chloride	2.794	84	72488	55.304	ug/L	93
17) trans-1,2-Dichloroethene	3.099	96	68103	54.976	ug/L	99
18) Methyl tert-butyl Ether	3.117	73	218896	55.272	ug/L	99
19) 1,1-Dichloroethane	3.617	63	127884	56.090	ug/L	100
20) cis-1,2-Dichloroethene	4.495	96	75126	55.416	ug/L	98
22) 2-Butanone	4.562	43	132203	102.484	ug/L	99
23) Bromochloromethane	4.910	128	38588	56.113	ug/L	97
25) Chloroform	5.099	83	135969	57.996	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.098	62	109649	57.574	ug/L	99
29) Cyclohexane	5.477	56	121966	56.509	ug/L	99
30) 1,1,1-Trichloroethane	5.391	97	116047	55.578	ug/L	99
31) Carbon tetrachloride	5.684	117	103026	54.855	ug/L	99
33) Benzene	6.044	78	283143	55.916	ug/L	100
34) Trichloroethene	7.129	95	75061	56.299	ug/L	97
35) Methylcyclohexane	7.385	83	115610	56.220	ug/L	98
37) 1,2-Dichloropropane	7.434	63	73703	56.536	ug/L	99
38) Bromodichloromethane	7.824	83	101217	55.884	ug/L	98
39) cis-1,3-Dichloropropene	8.372	75	111126	55.276	ug/L	98
40) 4-Methyl-2-pentanone	8.580	43	236329	112.349	ug/L	99
42) Toluene	8.720	91	300901	55.789	ug/L	100
44) trans-1,3-Dichloropropene	8.982	75	104321	54.160	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	68143	54.785	ug/L	98
46) Tetrachloroethene	9.275	164	56306	57.130	ug/L	95
48) 2-Hexanone	9.433	43	188208	108.640	ug/L	99
49) Dibromochloromethane	9.525	129	77101	54.309	ug/L	94
50) 1,2-Dibromoethane	9.610	107	73091	55.205	ug/L	99
51) Chlorobenzene	10.079	112	182364	54.844	ug/L	98
52) Ethylbenzene	10.195	91	318498	56.175	ug/L	100
53) m,p-Xylene	10.305	106	120372	55.627	ug/L	94
54) o-Xylene	10.646	106	117621	55.955	ug/L	98
55) Styrene	10.659	104	201789	55.922	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.213	83	107900	55.236	ug/L	99
59) Bromoform	10.805	173	55222	55.796	ug/L	98
60) Isopropylbenzene	10.963	105	312436	56.823	ug/L	100
61) 1,2,3-Trichloropropane	11.244	75	90619	58.160	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	260869	56.981	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	262271	56.817	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	140634	58.560	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	137574	55.908	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	140057	58.538	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.945	75	27425	58.681	ug/L	99
69) 1,3,5-Trichlorobenzene	13.115	180	95984	58.810	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	88402	60.176	ug/L	99
71) Naphthalene	13.780	128	338981	61.345	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	89994	60.370	ug/L	99

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

