

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071922\
 Data File : VX030116.D
 Acq On : 19 Jul 2022 14:37
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV677

Quant Time: Jul 20 08:37:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML071922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 20 07:48:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	276834	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	252400	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	134893	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	103459	47.913	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.820%
7) Chloroethane-d5	1.660	69	80944	54.169	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.340%
11) 1,1-Dichloroethene-d2	2.306	63	212298	50.829	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.660%
21) 2-Butanone-d5	4.458	46	224626	105.778	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.780%
24) Chloroform-d	5.062	84	221934	50.624	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.240%
26) 1,2-Dichloroethane-d4	5.958	65	137418	50.105	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.200%
32) Benzene-d6	5.976	84	476879	51.329	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.660%
36) 1,2-Dichloropropane-d6	7.312	67	151124	50.724	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.440%
41) Toluene-d8	8.653	98	432821	51.058	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.120%
43) trans-1,3-Dichloroprop...	8.951	79	67329	53.213	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.420%
47) 2-Hexanone-d5	9.384	63	162615	108.842	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.840%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	208108	52.346	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.700%
66) 1,2-Dichlorobenzene-d4	12.323	152	161559	51.667	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.340%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	121371	52.355	ug/L	100
3) Chloromethane	1.288	50	102117	49.287	ug/L	100
5) Vinyl chloride	1.374	62	106202	49.170	ug/L	95
6) Bromomethane	1.605	94	51541	52.901	ug/L	97
8) Chloroethane	1.685	64	60576	50.824	ug/L	98
9) Trichlorofluoromethane	1.886	101	144530	51.691	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	102562	51.887	ug/L	99
12) 1,1-Dichloroethene	2.319	96	97732	51.283	ug/L	81
13) Acetone	2.386	43	123423	104.403	ug/L	98
14) Carbon disulfide	2.508	76	272120	50.737	ug/L	100
15) Methyl Acetate	2.703	43	138178	51.320	ug/L	99
16) Methylene chloride	2.788	84	116344	50.573	ug/L	100
17) trans-1,2-Dichloroethene	3.093	96	105412	51.979	ug/L	98
18) Methyl tert-butyl Ether	3.117	73	323393	51.763	ug/L	100
19) 1,1-Dichloroethane	3.611	63	189376	51.087	ug/L	97
20) cis-1,2-Dichloroethene	4.489	96	119903	50.922	ug/L	91
22) 2-Butanone	4.562	43	213163	105.461	ug/L	100
23) Bromochloromethane	4.903	128	58647	50.051	ug/L	93
25) Chloroform	5.092	83	196769	51.140	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	147944	51.195	ug/L	98
29) Cyclohexane	5.470	56	182797	52.807	ug/L	98
30) 1,1,1-Trichloroethane	5.385	97	159550	51.378	ug/L	99
31) Carbon tetrachloride	5.678	117	133061	52.016	ug/L	99
33) Benzene	6.043	78	455419	51.820	ug/L	100
34) Trichloroethene	7.129	95	119368	50.711	ug/L	97
35) Methylcyclohexane	7.379	83	194276	54.862	ug/L	100
37) 1,2-Dichloropropane	7.433	63	116479	50.642	ug/L	99
38) Bromodichloromethane	7.824	83	143131	50.860	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	170068	51.725	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	393734	105.234	ug/L	100
42) Toluene	8.720	91	482127	52.835	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	161547	52.465	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	112879	51.282	ug/L	97
46) Tetrachloroethene	9.275	164	85529	52.449	ug/L	94
48) 2-Hexanone	9.433	43	323191	107.567	ug/L	99
49) Dibromochloromethane	9.525	129	112202	50.944	ug/L	99
50) 1,2-Dibromoethane	9.610	107	119525	51.136	ug/L	96
51) Chlorobenzene	10.079	112	299983	52.320	ug/L	98
52) Ethylbenzene	10.195	91	515858	53.038	ug/L	98
53) m,p-Xylene	10.305	106	203627	53.708	ug/L	97
54) o-Xylene	10.646	106	198914	54.028	ug/L	99
55) Styrene	10.659	104	346631	54.652	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	179704	51.734	ug/L	97
59) Bromoform	10.799	173	76228	48.382	ug/L	97
60) Isopropylbenzene	10.963	105	510707	51.655	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	148530	49.638	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	440027	53.860	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	436758	53.617	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	229543	52.782	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	230366	52.690	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	236447	53.445	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.945	75	47418	52.767	ug/L	97
69) 1,3,5-Trichlorobenzene	13.115	180	157387	53.598	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	143019	55.490	ug/L	99
71) Naphthalene	13.780	128	598218	56.734	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	145751	53.227	ug/L	99

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

