

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021422\
 Data File : VX027014.D
 Acq On : 14 Feb 2022 12:52
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV665

Quant Time: Feb 15 05:19:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML021422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 15 05:10:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	134419	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	128974	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	65469	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	55662	46.652	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.300%
7) Chloroethane-d5	1.673	69	40413	52.787	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.580%
11) 1,1-Dichloroethene-d2	2.313	63	110215	48.175	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.360%
21) 2-Butanone-d5	4.459	46	89226	107.659	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.660%
24) Chloroform-d	5.062	84	110691	49.401	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	5.958	65	71372	49.149	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.300%
32) Benzene-d6	5.977	84	224027	48.218	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.440%
36) 1,2-Dichloropropane-d6	7.312	67	67316	48.776	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.560%
41) Toluene-d8	8.653	98	208244	48.987	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.980%
43) trans-1,3-Dichloroprop...	8.952	79	31680	50.345	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.680%
47) 2-Hexanone-d5	9.385	63	66168	110.897	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.900%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	82388	50.512	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.020%
66) 1,2-Dichlorobenzene-d4	12.323	152	75398	50.700	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	68998	47.823	ug/L	100
3) Chloromethane	1.295	50	53982	47.543	ug/L	100
5) Vinyl chloride	1.380	62	53883	47.201	ug/L	99
6) Bromomethane	1.618	94	22881	47.119	ug/L	94
8) Chloroethane	1.691	64	29965	48.556	ug/L	95
9) Trichlorofluoromethane	1.892	101	74652	47.010	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.337	101	48661	47.531	ug/L	100
12) 1,1-Dichloroethene	2.325	96	45308	48.174	ug/L	92
13) Acetone	2.386	43	69653	99.861	ug/L	99
14) Carbon disulfide	2.520	76	133149	47.790	ug/L	100
15) Methyl Acetate	2.703	43	54364	50.455	ug/L	98
16) Methylene chloride	2.794	84	50021	48.555	ug/L	98
17) trans-1,2-Dichloroethene	3.099	96	47894	48.128	ug/L	96
18) Methyl tert-butyl Ether	3.117	73	151848	49.721	ug/L	100
19) 1,1-Dichloroethane	3.617	63	86194	48.561	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	53049	48.579	ug/L	99
22) 2-Butanone	4.556	43	92120	103.114	ug/L	99
23) Bromochloromethane	4.910	128	27096	48.590	ug/L	96
25) Chloroform	5.099	83	90939	47.895	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	71846	48.921	ug/L	99
29) Cyclohexane	5.477	56	83152	47.025	ug/L	97
30) 1,1,1-Trichloroethane	5.391	97	79683	47.477	ug/L	100
31) Carbon tetrachloride	5.684	117	70874	47.604	ug/L	100
33) Benzene	6.044	78	200456	48.102	ug/L	100
34) Trichloroethene	7.129	95	56157	47.109	ug/L	98
35) Methylcyclohexane	7.385	83	86239	47.871	ug/L	100
37) 1,2-Dichloropropane	7.434	63	50683	48.357	ug/L	99
38) Bromodichloromethane	7.824	83	67477	47.962	ug/L	97
39) cis-1,3-Dichloropropene	8.366	75	78055	49.690	ug/L	96
40) 4-Methyl-2-pentanone	8.574	43	155230	104.192	ug/L	99
42) Toluene	8.720	91	215327	48.125	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	73265	49.628	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	50230	49.014	ug/L	99
46) Tetrachloroethene	9.275	164	41892	47.464	ug/L	99
48) 2-Hexanone	9.433	43	124493	103.212	ug/L	99
49) Dibromochloromethane	9.525	129	55150	49.071	ug/L	99
50) 1,2-Dibromoethane	9.610	107	52919	49.189	ug/L	97
51) Chlorobenzene	10.080	112	139347	48.635	ug/L	98
52) Ethylbenzene	10.195	91	236925	49.227	ug/L	100
53) m,p-Xylene	10.305	106	93752	49.409	ug/L	94
54) o-Xylene	10.640	106	91271	50.285	ug/L	99
55) Styrene	10.659	104	155357	50.540	ug/L	93
57) 1,1,2,2-Tetrachloroethane	11.213	83	66975	49.355	ug/L	100
59) Bromoform	10.799	173	38417	51.138	ug/L	100
60) Isopropylbenzene	10.964	105	236028	49.899	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	62354	50.213	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	166949	51.170	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	201927	50.961	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	104396	49.614	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	103395	48.830	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	100949	49.622	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	15429	51.166	ug/L	98
69) 1,3,5-Trichlorobenzene	13.116	180	69166	47.834	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	62949	49.310	ug/L	99
71) Naphthalene	13.774	128	221138	52.025	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	63514	49.760	ug/L	98

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

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