

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122021\
 Data File : VX025916.D
 Acq On : 20 Dec 2021 15:39
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV648

Quant Time: Dec 20 19:58:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122021WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 20 14:47:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	171630	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	171292	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	90249	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	70528	50.971	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.940%
7) Chloroethane-d5	1.666	69	58041	50.232	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.460%
11) 1,1-Dichloroethene-d2	2.306	63	125758	52.327	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.660%
21) 2-Butanone-d5	4.452	46	99279	99.457	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.460%
24) Chloroform-d	5.062	84	132072	49.793	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.580%
26) 1,2-Dichloroethane-d4	5.958	65	84616	48.913	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.820%
32) Benzene-d6	5.976	84	259992	50.099	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.200%
36) 1,2-Dichloropropane-d6	7.306	67	78254	49.508	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.020%
41) Toluene-d8	8.647	98	251654	51.071	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.140%
43) trans-1,3-Dichloroprop...	8.952	79	35136	50.346	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.700%
47) 2-Hexanone-d5	9.384	63	72892	102.588	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.590%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	112694	50.328	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.660%
66) 1,2-Dichlorobenzene-d4	12.323	152	97314	51.156	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	82981	55.976	ug/L	100
3) Chloromethane	1.294	50	77718	50.875	ug/L	96
5) Vinyl chloride	1.374	62	83350	53.616	ug/L	98
6) Bromomethane	1.605	94	56029	50.790	ug/L	97
8) Chloroethane	1.685	64	53112	51.639	ug/L	98
9) Trichlorofluoromethane	1.886	101	129262	56.332	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	64336	57.503	ug/L	89
12) 1,1-Dichloroethene	2.319	96	58104	54.064	ug/L	79
13) Acetone	2.380	43	83720	104.836	ug/L	95
14) Carbon disulfide	2.514	76	170695	54.126	ug/L	99
15) Methyl Acetate	2.703	43	72977	50.437	ug/L #	90
16) Methylene chloride	2.788	84	69029	50.081	ug/L	94
17) trans-1,2-Dichloroethene	3.093	96	67252	53.072	ug/L	96
18) Methyl tert-butyl Ether	3.117	73	207076	50.983	ug/L	98
19) 1,1-Dichloroethane	3.611	63	119686	52.371	ug/L	97
20) cis-1,2-Dichloroethene	4.489	96	74250	51.666	ug/L	96
22) 2-Butanone	4.556	43	116964	103.239	ug/L	97
23) Bromochloromethane	4.904	128	38213	50.777	ug/L	93
25) Chloroform	5.099	83	127774	51.168	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	102646	51.281	ug/L	96
29) Cyclohexane	5.471	56	114448	56.941	ug/L	97
30) 1,1,1-Trichloroethane	5.385	97	111429	52.994	ug/L	96
31) Carbon tetrachloride	5.678	117	99537	55.566	ug/L	99
33) Benzene	6.037	78	280411	52.038	ug/L	100
34) Trichloroethene	7.123	95	74578	53.198	ug/L	91
35) Methylcyclohexane	7.379	83	122249	60.321	ug/L	98
37) 1,2-Dichloropropane	7.427	63	68956	51.612	ug/L	99
38) Bromodichloromethane	7.824	83	93881	51.901	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	105713	53.482	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	211176	103.158	ug/L	96
42) Toluene	8.720	91	312042	53.392	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	99235	53.461	ug/L	97
45) 1,1,2-Trichloroethane	9.153	97	71042	51.051	ug/L	97
46) Tetrachloroethene	9.275	164	58470	54.389	ug/L	94
48) 2-Hexanone	9.433	43	171418	102.779	ug/L	97
49) Dibromochloromethane	9.525	129	76116	52.314	ug/L	98
50) 1,2-Dibromoethane	9.610	107	76107	51.700	ug/L	98
51) Chlorobenzene	10.079	112	201317	52.766	ug/L	99
52) Ethylbenzene	10.195	91	341120	54.416	ug/L	98
53) m,p-Xylene	10.305	106	136630	54.746	ug/L	97
54) o-Xylene	10.640	106	132850	54.719	ug/L	92
55) Styrene	10.659	104	225716	55.140	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	110024	50.627	ug/L	97
59) Bromoform	10.799	173	49820	49.400	ug/L	97
60) Isopropylbenzene	10.963	105	344657	53.956	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	89362	49.142	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	297163	55.083	ug/L	98
63) 1,2,4-Trimethylbenzene	11.756	105	294863	54.404	ug/L #	81
64) 1,3-Dichlorobenzene	11.969	146	155366	52.554	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	157086	53.071	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	154259	52.608	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	21164	49.823	ug/L	87
69) 1,3,5-Trichlorobenzene	13.115	180	107791	56.621	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	89771	57.359	ug/L	98
71) Naphthalene	13.780	128	310268	58.173	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	89616	57.185	ug/L	99

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

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