

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033123\
 Data File : VU053492.D
 Acq On : 31 Mar 2023 14:51
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV016

Quant Time: Apr 01 05:03:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 01 04:51:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	284009	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	265924	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	146183	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	104769	47.375	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.760%
7) Chloroethane-d5	1.909	69	84124	49.337	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.680%
11) 1,1-Dichloroethene-d2	2.565	63	163455	47.748	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.500%
21) 2-Butanone-d5	4.610	46	109492	109.355	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.350%
24) Chloroform-d	5.057	84	187590	51.291	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.580%
26) 1,2-Dichloroethane-d4	5.697	65	115316	53.359	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.720%
32) Benzene-d6	5.723	84	368662	51.360	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.720%
36) 1,2-Dichloropropane-d6	6.684	67	113288	51.635	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.280%
41) Toluene-d8	7.893	98	363516	50.953	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.900%
43) trans-1,3-Dichloroprop...	8.173	79	58679	51.813	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.620%
47) 2-Hexanone-d5	8.626	63	82293	109.903	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.900%
56) 1,1,2,2-Tetrachloroeth...	10.748	84	164894	53.324	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.640%
66) 1,2-Dichlorobenzene-d4	12.189	152	159900	52.403	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	107405	46.594	ug/L	99
3) Chloromethane	1.520	50	94254	49.760	ug/L	99
5) Vinyl chloride	1.604	62	103678	47.230	ug/L	99
6) Bromomethane	1.851	94	82551	51.683	ug/L	99
8) Chloroethane	1.929	64	65159	49.352	ug/L	95
9) Trichlorofluoromethane	2.138	101	162754	48.204	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	93795	47.966	ug/L	99
12) 1,1-Dichloroethene	2.578	96	83761	48.064	ug/L	95
13) Acetone	2.617	43	77278	85.881	ug/L	97
14) Carbon disulfide	2.790	76	230183	49.932	ug/L	96
15) Methyl Acetate	2.941	43	76115	55.225	ug/L	96
16) Methylene chloride	3.041	84	96563	49.298	ug/L	98
17) trans-1,2-Dichloroethene	3.350	96	90522	51.685	ug/L	99
18) Methyl tert-butyl Ether	3.356	73	273333	53.542	ug/L	99
19) 1,1-Dichloroethane	3.864	63	149148	51.409	ug/L	99
20) cis-1,2-Dichloroethene	4.658	96	104769	51.790	ug/L	99
22) 2-Butanone	4.691	43	109122	100.099	ug/L	94
23) Bromochloromethane	4.967	128	59477	52.783	ug/L	98
25) Chloroform	5.083	83	173542	52.152	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.787	62	129535	53.155	ug/L	99
29) Cyclohexane	5.382	56	123118	48.093	ug/L	98
30) 1,1,1-Trichloroethane	5.308	97	147015	50.173	ug/L	100
31) Carbon tetrachloride	5.520	117	128402	48.910	ug/L	100
33) Benzene	5.768	78	355663	51.333	ug/L	100
34) Trichloroethene	6.536	95	103834	49.550	ug/L	97
35) Methylcyclohexane	6.758	83	146237	47.475	ug/L	100
37) 1,2-Dichloropropane	6.784	63	92175	52.394	ug/L	99
38) Bromodichloromethane	7.099	83	123981	52.827	ug/L	98
39) cis-1,3-Dichloropropene	7.600	75	159713	55.555	ug/L	99
40) 4-Methyl-2-pentanone	7.784	43	210656	110.189	ug/L	99
42) Toluene	7.964	91	402539	51.268	ug/L	99
44) trans-1,3-Dichloropropene	8.205	75	148207	54.533	ug/L	96
45) 1,1,2-Trichloroethane	8.395	97	104829	54.273	ug/L	99
46) Tetrachloroethene	8.549	164	84390	48.530	ug/L	97
48) 2-Hexanone	8.678	43	165946	107.307	ug/L	98
49) Dibromochloromethane	8.803	129	109927	54.734	ug/L	98
50) 1,2-Dibromoethane	8.919	107	118520	54.845	ug/L	99
51) Chlorobenzene	9.443	112	276253	51.065	ug/L	99
52) Ethylbenzene	9.565	91	439542	50.288	ug/L	100
53) m,p-Xylene	9.690	106	175058	51.211	ug/L	98
54) o-xylene	10.096	106	176137	52.115	ug/L	100
55) Styrene	10.108	104	295349	53.652	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.777	83	152096	53.632	ug/L	97
59) Bromoform	10.285	173	83924	56.089	ug/L	99
60) 1,2,3-Trichloropropane	10.816	75	118358	55.840	ug/L	99
61) Isopropylbenzene	10.478	105	446668	51.681	ug/L	99
62) 1,3,5-Trimethylbenzene	11.083	105	377650	52.564	ug/L	100
63) 1,2,4-Trimethylbenzene	11.462	105	375679	52.794	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	234986	52.033	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	239741	52.087	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	238081	52.896	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.989	75	31267	55.334	ug/L	97
69) 1,3,5-Trichlorobenzene	13.214	180	168010	50.238	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	161282	52.017	ug/L	100
71) Naphthalene	14.083	128	519103	55.935	ug/L	100
72) 1,2,3-Trichlorobenzene	14.324	180	164275	53.045	ug/L	99

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

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