

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072523\
 Data File : VW031739.D
 Acq On : 25 Jul 2023 11:37
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV252

Quant Time: Jul 26 02:56:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 26 02:25:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	383980	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	400453	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	235605	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	181628	46.400	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.800%
7) Chloroethane-d5	1.529	69	165295	46.078	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.160%
11) 1,1-Dichloroethene-d2	2.059	65	81032	44.722	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.440%
21) 2-Butanone-d5	3.789	46	288873	106.649	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.650%
24) Chloroform-d	4.256	84	373761	46.442	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.880%
26) 1,2-Dichloroethane-d4	4.947	65	233137	46.558	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.120%
32) Benzene-d6	4.966	84	616466	48.614	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.220%
36) 1,2-Dichloropropane-d6	5.995	67	223128	46.843	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.680%
41) Toluene-d8	7.249	98	550215	51.766	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.540%
43) trans-1,3-Dichloroprop...	7.558	79	102577	50.101	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.200%
47) 2-Hexanone-d5	8.030	63	200272	112.119	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.120%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	319119	48.624	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.240%
66) 1,2-Dichlorobenzene-d4	11.564	152	224240	47.007	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.020%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	219547	46.265	ug/L	99
3) Chloromethane	1.217	50	221442	49.063	ug/L	98
5) Vinyl chloride	1.281	62	222772	48.726	ug/L	100
6) Bromomethane	1.484	94	151070	47.941	ug/L	98
8) Chloroethane	1.548	64	142692	46.762	ug/L	99
9) Trichlorofluoromethane	1.712	101	355042	46.066	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	203566	45.723	ug/L	94
12) 1,1-Dichloroethene	2.069	96	173598	46.915	ug/L	91
13) Acetone	2.114	43	233778	90.170	ug/L	97
14) Carbon disulfide	2.243	76	426312	46.869	ug/L	100
15) Methyl Acetate	2.375	43	234093	51.850	ug/L	94
16) Methylene chloride	2.449	84	192015	46.189	ug/L	94
17) trans-1,2-Dichloroethene	2.696	96	161397	49.033	ug/L	99
18) Methyl tert-butyl Ether	2.709	73	552392	51.012	ug/L	99
19) 1,1-Dichloroethane	3.114	63	359120	47.131	ug/L	97
20) cis-1,2-Dichloroethene	3.818	96	183704	49.419	ug/L	98
22) 2-Butanone	3.873	43	298940	101.374	ug/L	99
23) Bromochloromethane	4.149	128	96175	46.727	ug/L	95
25) Chloroform	4.284	83	376061	46.593	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	283912	47.296	ug/L	98
29) Cyclohexane	4.590	56	249544	50.609	ug/L	99
30) 1,1,1-Trichloroethane	4.519	97	323202	46.985	ug/L	98
31) Carbon tetrachloride	4.741	117	281352	46.843	ug/L	100
33) Benzene	5.014	78	723414	51.360	ug/L	100
34) Trichloroethene	5.837	95	208928	47.006	ug/L	95
35) Methylcyclohexane	6.056	83	247497	50.061	ug/L	98
37) 1,2-Dichloropropane	6.098	63	209526	50.076	ug/L	99
38) Bromodichloromethane	6.439	83	284426	47.654	ug/L #	98
39) cis-1,3-Dichloropropene	6.960	75	285696	48.096	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	610394	114.541	ug/L	97
42) Toluene	7.320	91	765996	52.952	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	307233	51.829	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	206160	48.830	ug/L	96
46) Tetrachloroethene	7.911	164	136453	48.587	ug/L	95
48) 2-Hexanone	8.082	43	494747	116.393	ug/L	96
49) Dibromochloromethane	8.181	129	213373	47.892	ug/L	98
50) 1,2-Dibromoethane	8.288	107	218147	49.045	ug/L	100
51) Chlorobenzene	8.818	112	473685	49.007	ug/L	99
52) Ethylbenzene	8.953	91	816181	52.064	ug/L	98
53) m,p-Xylene	9.079	106	303419	53.672	ug/L	96
54) o-Xylene	9.484	106	287853	53.127	ug/L	94
55) Styrene	9.500	104	550644	55.635	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.181	83	300831	51.385	ug/L #	96
59) Bromoform	9.670	173	164590	50.951	ug/L	98
60) Isopropylbenzene	9.873	105	796750	54.186	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	275502	49.852	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	628876	52.859	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	655347	54.413	ug/L	98
64) 1,3-Dichlorobenzene	11.123	146	390504	50.805	ug/L	98
65) 1,4-Dichlorobenzene	11.213	146	416486	50.972	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	397917	50.280	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.371	75	76781	49.953	ug/L	99
69) 1,3,5-Trichlorobenzene	12.590	180	275056	49.065	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	249308	49.709	ug/L	98
71) Naphthalene	13.445	128	807701	55.869	ug/L	100
72) 1,2,3-Trichlorobenzene	13.686	180	273157	52.103	ug/L	99

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

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