

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120722\
 Data File : VW029415.D
 Acq On : 07 Dec 2022 13:57
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV201

Quant Time: Dec 08 00:53:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 08 00:46:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	503315	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	455940	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	251299	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	149257	48.427	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.860%
7) Chloroethane-d5	1.552	69	113672	48.367	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.740%
11) 1,1-Dichloroethene-d2	2.101	63	234166	48.711	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.420%
21) 2-Butanone-d5	3.867	46	201367	107.101	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.100%
24) Chloroform-d	4.336	84	282202	48.656	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.320%
26) 1,2-Dichloroethane-d4	5.021	65	162448	49.040	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.080%
32) Benzene-d6	5.040	84	591178	49.071	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.140%
36) 1,2-Dichloropropane-d6	6.059	67	177153	48.140	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.280%
41) Toluene-d8	7.307	98	557638	49.125	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.240%
43) trans-1,3-Dichloroprop...	7.612	79	92741	49.908	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.820%
47) 2-Hexanone-d5	8.082	63	171724	109.279	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.280%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	266468	50.673	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.340%
66) 1,2-Dichlorobenzene-d4	11.612	152	237921	49.735	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	211617	53.378	ug/L	100
3) Chloromethane	1.240	50	223174	49.373	ug/L	98
5) Vinyl chloride	1.307	62	195227	51.622	ug/L	97
6) Bromomethane	1.500	94	89181	58.606	ug/L	97
8) Chloroethane	1.571	64	108075	51.321	ug/L	99
9) Trichlorofluoromethane	1.744	101	242230	51.165	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	134523	51.136	ug/L	99
12) 1,1-Dichloroethene	2.111	96	136781	50.842	ug/L	96
13) Acetone	2.153	43	140067	114.357	ug/L	99
14) Carbon disulfide	2.285	76	460561	51.438	ug/L	99
15) Methyl Acetate	2.420	43	146977	52.670	ug/L	98
16) Methylene chloride	2.497	84	169892	50.789	ug/L	99
17) trans-1,2-Dichloroethene	2.751	96	160023	51.622	ug/L	98
18) Methyl tert-butyl Ether	2.761	73	494910	52.110	ug/L	100
19) 1,1-Dichloroethane	3.179	63	270547	50.945	ug/L	99
20) cis-1,2-Dichloroethene	3.899	96	177767	52.151	ug/L	98
22) 2-Butanone	3.947	43	220318	113.047	ug/L	96
23) Bromochloromethane	4.236	128	90540	51.583	ug/L	99
25) Chloroform	4.362	83	283746	51.538	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.121	62	198707	51.093	ug/L	99
29) Cyclohexane	4.667	56	256566	51.946	ug/L	99
30) 1,1,1-Trichloroethane	4.596	97	251270	50.583	ug/L	100
31) Carbon tetrachloride	4.818	117	218815	50.443	ug/L	99
33) Benzene	5.088	78	665976	51.820	ug/L	100
34) Trichloroethene	5.905	95	165062	51.255	ug/L	98
35) Methylcyclohexane	6.124	83	289498	52.928	ug/L	99
37) 1,2-Dichloropropane	6.162	63	160640	51.788	ug/L	100
38) Bromodichloromethane	6.500	83	215365	50.295	ug/L	100
39) cis-1,3-Dichloropropene	7.018	75	262325	51.422	ug/L	97
40) 4-Methyl-2-pentanone	7.220	43	413716	111.865	ug/L	99
42) Toluene	7.378	91	710932	51.395	ug/L	99
44) trans-1,3-Dichloropropene	7.641	75	251468	52.052	ug/L	99
45) 1,1,2-Trichloroethane	7.828	97	162101	50.584	ug/L	97
46) Tetrachloroethene	7.966	164	134426	51.918	ug/L	99
48) 2-Hexanone	8.133	43	323077	114.342	ug/L	99
49) Dibromochloromethane	8.236	129	182316	51.530	ug/L	97
50) 1,2-Dibromoethane	8.342	107	172776	52.333	ug/L	98
51) Chlorobenzene	8.873	112	456824	52.154	ug/L	99
52) Ethylbenzene	9.005	91	762114	52.404	ug/L	100
53) m,p-Xylene	9.130	106	300937	52.283	ug/L	98
54) o-Xylene	9.535	106	297294	52.216	ug/L	99
55) Styrene	9.551	104	527126	53.275	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.230	83	269930	52.657	ug/L	100
59) Bromoform	9.722	173	145422	52.385	ug/L	99
60) Isopropylbenzene	9.921	105	780924	52.929	ug/L	100
61) 1,2,3-Trichloropropane	10.262	75	206949	53.351	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	691435	53.002	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	690314	53.383	ug/L	100
64) 1,3-Dichlorobenzene	11.169	146	380201	52.703	ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	384063	52.385	ug/L	99
67) 1,2-Dichlorobenzene	11.632	146	386649	52.413	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.416	75	65111	54.007	ug/L	97
69) 1,3,5-Trichlorobenzene	12.632	180	306059	53.311	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	275343	53.935	ug/L	100
71) Naphthalene	13.493	128	689372	59.532	ug/L	100
72) 1,2,3-Trichlorobenzene	13.731	180	273623	54.721	ug/L	100

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

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