

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092223\
 Data File : VW032165.D
 Acq On : 22 Sep 2023 16:47
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050304

Quant Time: Sep 23 01:27:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 23 01:24:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	282775	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	270413	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	146174	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	78647	44.441	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.880%
7) Chloroethane-d5	1.529	69	67912	43.776	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.560%
11) 1,1-Dichloroethene-d2	2.059	65	34459	41.584	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.160%
21) 2-Butanone-d5	3.789	46	138467	99.483	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.480%
24) Chloroform-d	4.252	84	165826	42.870	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.740%
26) 1,2-Dichloroethane-d4	4.944	65	103601	40.359	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.720%
32) Benzene-d6	4.963	84	325955	44.175	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.340%
36) 1,2-Dichloropropane-d6	5.992	67	105045	44.230	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.460%
41) Toluene-d8	7.246	98	300995	44.272	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.540%
43) trans-1,3-Dichloroprop...	7.554	79	51432	41.782	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.560%
47) 2-Hexanone-d5	8.027	63	92359	126.880	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	126.880%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	147548	48.076	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.160%
66) 1,2-Dichlorobenzene-d4	11.564	152	119861	44.981	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	62290	36.184	ug/L	99
3) Chloromethane	1.217	50	69361	39.513	ug/L	96
5) Vinyl chloride	1.281	62	72746	38.805	ug/L	99
6) Bromomethane	1.484	94	45583	41.297	ug/L	98
8) Chloroethane	1.548	64	52560	42.187	ug/L	99
9) Trichlorofluoromethane	1.712	101	118650	43.418	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	76956	46.640	ug/L	99
12) 1,1-Dichloroethene	2.069	96	63581	42.901	ug/L	91
13) Acetone	2.111	43	118261	95.461	ug/L	99
14) Carbon disulfide	2.240	76	114678	33.959	ug/L	99
15) Methyl Acetate	2.371	43	114152	51.665	ug/L	100
16) Methylene chloride	2.449	84	89672	47.085	ug/L	98
17) trans-1,2-Dichloroethene	2.696	96	71398	43.943	ug/L	90
18) Methyl tert-butyl Ether	2.706	73	323545	47.117	ug/L	98
19) 1,1-Dichloroethane	3.114	63	171798	47.181	ug/L	98
20) cis-1,2-Dichloroethene	3.818	96	97377	47.770	ug/L	92
22) 2-Butanone	3.866	43	167086	101.927	ug/L	98
23) Bromochloromethane	4.153	128	47814	48.347	ug/L	95
25) Chloroform	4.278	83	179492	47.411	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	132625	44.466	ug/L	96
29) Cyclohexane	4.587	56	115740	41.108	ug/L	100
30) 1,1,1-Trichloroethane	4.516	97	146738	46.522	ug/L	99
31) Carbon tetrachloride	4.738	117	119109	44.472	ug/L	99
33) Benzene	5.011	78	345200	47.510	ug/L	100
34) Trichloroethene	5.837	95	95006	42.755	ug/L	98
35) Methylcyclohexane	6.053	83	121875	41.235	ug/L	98
37) 1,2-Dichloropropane	6.095	63	102362	49.703	ug/L	100
38) Bromodichloromethane	6.436	83	139555	47.740	ug/L	99
39) cis-1,3-Dichloropropene	6.956	75	169374	47.304	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	343244	105.007	ug/L	100
42) Toluene	7.320	91	377617	47.247	ug/L	100
44) trans-1,3-Dichloropropene	7.583	75	158007	45.929	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	106702	51.283	ug/L	98
46) Tetrachloroethene	7.908	164	65083	46.645	ug/L	98
48) 2-Hexanone	8.079	43	258518	103.562	ug/L	99
49) Dibromochloromethane	8.178	129	105834	49.500	ug/L	99
50) 1,2-Dibromoethane	8.284	107	105684	48.496	ug/L	100
51) Chlorobenzene	8.818	112	261790	49.294	ug/L	97
52) Ethylbenzene	8.950	91	443214	46.814	ug/L	100
53) m,p-Xylene	9.075	106	162767	46.303	ug/L	97
54) o-Xylene	9.480	106	165656	47.382	ug/L	99
55) Styrene	9.500	104	294898	47.714	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.181	83	171430	58.203	ug/L	99
59) Bromoform	9.667	173	74886	49.404	ug/L	99
60) Isopropylbenzene	9.869	105	463159	47.307	ug/L	100
61) 1,2,3-Trichloropropane	10.213	75	139898	50.658	ug/L	100
62) 1,3,5-Trimethylbenzene	10.480	105	377227	45.798	ug/L	98
63) 1,2,4-Trimethylbenzene	10.853	105	383463	46.279	ug/L	98
64) 1,3-Dichlorobenzene	11.120	146	219208	49.959	ug/L	98
65) 1,4-Dichlorobenzene	11.213	146	223392	50.069	ug/L	98
67) 1,2-Dichlorobenzene	11.583	146	221229	50.882	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	37887	45.673	ug/L	90
69) 1,3,5-Trichlorobenzene	12.586	180	161232	50.406	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	154844	50.432	ug/L	98
71) Naphthalene	13.442	128	481687	49.104	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	154172	52.402	ug/L	99

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

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