

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110623\
 Data File : VW032858.D
 Acq On : 06 Nov 2023 17:08
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050319

Quant Time: Nov 07 01:38:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 07 01:35:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	357048	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	399782	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	225174	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	115706	34.071	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.140%
7) Chloroethane-d5	1.532	69	106713	37.572	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.140%
11) 1,1-Dichloroethene-d2	2.060	65	49704	35.435	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.860%
21) 2-Butanone-d5	3.786	46	148292	100.672	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.670%
24) Chloroform-d	4.252	84	239456	44.175	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.360%
26) 1,2-Dichloroethane-d4	4.944	65	149599	44.405	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.820%
32) Benzene-d6	4.963	84	434903	42.310	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.620%
36) 1,2-Dichloropropane-d6	5.992	67	132500	42.430	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.860%
41) Toluene-d8	7.246	98	442133	43.683	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.360%
43) trans-1,3-Dichloroprop...	7.555	79	74692	45.925	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.840%
47) 2-Hexanone-d5	8.027	63	115422	101.242	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.240%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	226266	47.747	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.500%
66) 1,2-Dichlorobenzene-d4	11.564	152	195420	45.035	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	132924	42.310	ug/L	99
3) Chloromethane	1.217	50	125888	41.419	ug/L	100
5) Vinyl chloride	1.285	62	139227	42.959	ug/L	99
6) Bromomethane	1.487	94	97870	43.279	ug/L	97
8) Chloroethane	1.548	64	97364	44.626	ug/L	99
9) Trichlorofluoromethane	1.716	101	227242	43.998	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	139726	44.712	ug/L	100
12) 1,1-Dichloroethene	2.073	96	117602	44.038	ug/L	82
13) Acetone	2.111	43	174652	70.836	ug/L	99
14) Carbon disulfide	2.243	76	273893	42.965	ug/L	100
15) Methyl Acetate	2.375	43	120119	48.049	ug/L	99
16) Methylene chloride	2.449	84	135839	38.349	ug/L	97
17) trans-1,2-Dichloroethene	2.696	96	115009	45.122	ug/L	97
18) Methyl tert-butyl Ether	2.706	73	372986	49.551	ug/L	99
19) 1,1-Dichloroethane	3.114	63	220883	45.473	ug/L	99
20) cis-1,2-Dichloroethene	3.818	96	130856	46.486	ug/L	99
22) 2-Butanone	3.867	43	178446	85.342	ug/L	95
23) Bromochloromethane	4.150	128	74065	47.141	ug/L	98
25) Chloroform	4.278	83	259710	46.911	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	189542	47.507	ug/L	99
29) Cyclohexane	4.587	56	155784	43.358	ug/L #	94
30) 1,1,1-Trichloroethane	4.516	97	215515	44.995	ug/L	99
31) Carbon tetrachloride	4.738	117	188051	44.430	ug/L	99
33) Benzene	5.011	78	492432	46.452	ug/L	100
34) Trichloroethene	5.838	95	131225	44.468	ug/L	96
35) Methylcyclohexane	6.053	83	207889	45.022	ug/L	98
37) 1,2-Dichloropropane	6.095	63	138342	49.163	ug/L	98
38) Bromodichloromethane	6.436	83	201171	45.570	ug/L	100
39) cis-1,3-Dichloropropene	6.957	75	214886	50.902	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	346441	103.885	ug/L	100
42) Toluene	7.317	91	591133	48.965	ug/L	100
44) trans-1,3-Dichloropropene	7.584	75	213666	49.276	ug/L	98
45) 1,1,2-Trichloroethane	7.770	97	151258	46.863	ug/L	95
46) Tetrachloroethene	7.908	164	115232	43.278	ug/L	98
48) 2-Hexanone	8.075	43	281940	94.228	ug/L	98
49) Dibromochloromethane	8.178	129	160521	47.570	ug/L	98
50) 1,2-Dibromoethane	8.284	107	159370	48.467	ug/L	99
51) Chlorobenzene	8.815	112	393656	46.059	ug/L	99
52) Ethylbenzene	8.950	91	639965	48.056	ug/L	99
53) m,p-Xylene	9.075	106	245731	48.484	ug/L	99
54) o-Xylene	9.481	106	238879	48.651	ug/L	100
55) Styrene	9.497	104	440315	51.458	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	227998	47.165	ug/L	99
59) Bromoform	9.667	173	119887	47.487	ug/L	100
60) Isopropylbenzene	9.870	105	659458	48.292	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	176008	46.796	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	527586	49.097	ug/L	99
63) 1,2,4-Trimethylbenzene	10.854	105	518506	50.442	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	331595	46.611	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	347680	46.319	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	335761	46.232	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.368	75	46212	47.210	ug/L	97
69) 1,3,5-Trichlorobenzene	12.583	180	236044	45.961	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	210085	47.301	ug/L	99
71) Naphthalene	13.442	128	598741	53.983	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	222145	50.095	ug/L	99

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

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