

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120623\
 Data File : VV033129.D
 Acq On : 06 Dec 2023 20:09
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050349

Quant Time: Dec 07 03:47:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 06 01:18:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	305186	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	309356	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	190077	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	68461	37.525	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.060%
7) Chloroethane-d5	1.529	69	50890	40.034	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.060%
11) 1,1-Dichloroethene-d2	2.060	65	26434	38.087	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.180%
21) 2-Butanone-d5	3.780	46	90958	100.379	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.380%
24) Chloroform-d	4.249	84	171222	44.224	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.440%
26) 1,2-Dichloroethane-d4	4.941	65	106937	44.424	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.840%
32) Benzene-d6	4.960	84	305962	42.288	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.580%
36) 1,2-Dichloropropane-d6	5.989	67	83254	42.796	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.600%
41) Toluene-d8	7.243	98	291913	42.294	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.580%
43) trans-1,3-Dichloroprop...	7.551	79	49726	40.423	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.840%
47) 2-Hexanone-d5	8.021	63	80790	103.376	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.380%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	139447	50.426	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.860%
66) 1,2-Dichlorobenzene-d4	11.561	152	149082	44.082	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	154249	46.239	ug/L	100
3) Chloromethane	1.214	50	104466	47.481	ug/L	97
5) Vinyl chloride	1.282	62	99333	47.076	ug/L	96
6) Bromomethane	1.484	94	66291	48.146	ug/L	97
8) Chloroethane	1.548	64	54608	48.610	ug/L	99
9) Trichlorofluoromethane	1.712	101	176949	50.821	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	82994	50.760	ug/L	98
12) 1,1-Dichloroethene	2.069	96	77175	50.440	ug/L	95
13) Acetone	2.108	43	65403	75.605	ug/L	100
14) Carbon disulfide	2.243	76	244196	44.485	ug/L	99
15) Methyl Acetate	2.368	43	71506	49.595	ug/L	99
16) Methylene chloride	2.446	84	99866	49.292	ug/L	96
17) trans-1,2-Dichloroethene	2.693	96	95535	47.556	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	305911	50.128	ug/L	99
19) 1,1-Dichloroethane	3.111	63	161889	48.689	ug/L	99
20) cis-1,2-Dichloroethene	3.815	96	108209	50.765	ug/L	98
22) 2-Butanone	3.860	43	97773	88.814	ug/L	98
23) Bromochloromethane	4.146	128	59502	48.615	ug/L	96
25) Chloroform	4.275	83	192214	50.266	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	156533	51.803	ug/L	99
29) Cyclohexane	4.584	56	134450	47.054	ug/L	100
30) 1,1,1-Trichloroethane	4.513	97	190816	49.910	ug/L	99
31) Carbon tetrachloride	4.735	117	179627	50.530	ug/L	98
33) Benzene	5.008	78	390043	49.755	ug/L	100
34) Trichloroethene	5.831	95	107815	46.035	ug/L	96
35) Methylcyclohexane	6.050	83	162375	47.770	ug/L	100
37) 1,2-Dichloropropane	6.092	63	90069	49.645	ug/L	99
38) Bromodichloromethane	6.433	83	144162	49.288	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	157667	47.892	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	200221	103.939	ug/L	99
42) Toluene	7.313	91	443286	50.180	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	164185	49.321	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	106734	50.739	ug/L	98
46) Tetrachloroethene	7.905	164	99529	49.436	ug/L	96
48) 2-Hexanone	8.072	43	157112	98.373	ug/L	98
49) Dibromochloromethane	8.175	129	126232	50.268	ug/L	99
50) 1,2-Dibromoethane	8.281	107	112720	50.260	ug/L	96
51) Chlorobenzene	8.812	112	305031	49.103	ug/L	99
52) Ethylbenzene	8.947	91	512989	50.451	ug/L	99
53) m,p-Xylene	9.072	106	203155	50.452	ug/L	93
54) o-Xylene	9.477	106	199481	50.203	ug/L	99
55) Styrene	9.497	104	352729	51.315	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	150130	52.236	ug/L	98
59) Bromoform	9.664	173	105486	51.133	ug/L	99
60) Isopropylbenzene	9.866	105	541235	49.384	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	120839	50.984	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	433926	49.142	ug/L	99
63) 1,2,4-Trimethylbenzene	10.854	105	458131	49.818	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	280662	47.934	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	288114	47.370	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	281565	49.052	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.365	75	36467	50.143	ug/L	94
69) 1,3,5-Trichlorobenzene	12.583	180	211224	45.037	ug/L	99
70) 1,2,4-trichlorobenzene	13.198	180	195949	45.222	ug/L	99
71) Naphthalene	13.439	128	496141	46.951	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	199000	47.595	ug/L	99

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

