

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110423\
 Data File : VW032837.D
 Acq On : 03 Nov 2023 09:00
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050316

Quant Time: Nov 04 00:53:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 02 01:08:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	402706	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	402970	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	225043	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	134872	35.212	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.420%
7) Chloroethane-d5	1.532	69	119921	37.435	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.860%
11) 1,1-Dichloroethene-d2	2.063	65	58969	37.273	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.540%
21) 2-Butanone-d5	3.786	46	129553	77.979	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	77.980%
24) Chloroform-d	4.249	84	266374	43.570	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.140%
26) 1,2-Dichloroethane-d4	4.940	65	163193	42.948	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.900%
32) Benzene-d6	4.960	84	532001	51.347	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.700%
36) 1,2-Dichloropropane-d6	5.989	67	153222	48.677	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.360%
41) Toluene-d8	7.243	98	496664	48.683	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.360%
43) trans-1,3-Dichloroprop...	7.551	79	79732	48.636	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.280%
47) 2-Hexanone-d5	8.027	63	98624	85.824	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.820%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	217952	45.629	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.260%
66) 1,2-Dichlorobenzene-d4	11.561	152	205737	47.441	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	145121	40.955	ug/L	100
3) Chloromethane	1.217	50	139142	40.589	ug/L	98
5) Vinyl chloride	1.285	62	147346	40.310	ug/L	100
6) Bromomethane	1.490	94	113767	44.605	ug/L	98
8) Chloroethane	1.552	64	102257	41.555	ug/L	98
9) Trichlorofluoromethane	1.716	101	250303	42.969	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	152162	43.171	ug/L	100
12) 1,1-Dichloroethene	2.072	96	129038	42.842	ug/L	87
13) Acetone	2.117	43	190178	68.387	ug/L	99
14) Carbon disulfide	2.243	76	298630	41.534	ug/L	100
15) Methyl Acetate	2.375	43	113428	40.228	ug/L	99
16) Methylene chloride	2.449	84	140454	35.156	ug/L	100
17) trans-1,2-Dichloroethene	2.696	96	126879	44.135	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	394389	46.454	ug/L	99
19) 1,1-Dichloroethane	3.114	63	241758	44.128	ug/L	99
20) cis-1,2-Dichloroethene	3.815	96	144930	45.648	ug/L	98
22) 2-Butanone	3.867	43	174700	74.077	ug/L	95
23) Bromochloromethane	4.150	128	77354	43.652	ug/L	96
25) Chloroform	4.275	83	276645	44.304	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	219728	48.828	ug/L	99
29) Cyclohexane	4.584	56	184024	50.812	ug/L #	93
30) 1,1,1-Trichloroethane	4.513	97	236717	49.031	ug/L	99
31) Carbon tetrachloride	4.738	117	210713	49.391	ug/L	99
33) Benzene	5.011	78	544539	50.961	ug/L	100
34) Trichloroethene	5.831	95	159577	53.648	ug/L	98
35) Methylcyclohexane	6.050	83	239834	51.529	ug/L	99
37) 1,2-Dichloropropane	6.092	63	151628	53.458	ug/L	99
38) Bromodichloromethane	6.432	83	216350	48.620	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	239944	56.388	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	318305	94.693	ug/L	99
42) Toluene	7.317	91	645397	53.037	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	226545	51.833	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	160539	49.345	ug/L	98
46) Tetrachloroethene	7.905	164	131020	48.818	ug/L	97
48) 2-Hexanone	8.075	43	266094	88.228	ug/L	98
49) Dibromochloromethane	8.178	129	168756	49.615	ug/L	100
50) 1,2-Dibromoethane	8.281	107	166191	50.141	ug/L	98
51) Chlorobenzene	8.815	112	431356	50.071	ug/L	99
52) Ethylbenzene	8.947	91	708427	52.776	ug/L	99
53) m,p-Xylene	9.072	106	271908	53.224	ug/L	99
54) o-Xylene	9.480	106	263538	53.248	ug/L	100
55) Styrene	9.497	104	482074	55.892	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	226243	46.432	ug/L	99
59) Bromoform	9.667	173	119697	47.439	ug/L	99
60) Isopropylbenzene	9.870	105	729091	53.423	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	170814	45.442	ug/L	100
62) 1,3,5-Trimethylbenzene	10.477	105	587370	54.692	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	569445	55.430	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	367124	51.636	ug/L	100
65) 1,4-Dichlorobenzene	11.210	146	380527	50.724	ug/L	100
67) 1,2-Dichlorobenzene	11.580	146	363065	50.020	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	39833	40.717	ug/L	94
69) 1,3,5-Trichlorobenzene	12.583	180	263834	51.402	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	236292	53.232	ug/L	99
71) Naphthalene	13.439	128	586867	52.943	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	239288	53.992	ug/L	99

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

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