

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061923\
 Data File : VW031590.D
 Acq On : 19 Jun 2023 09:23
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050376

Quant Time: Jun 20 01:55:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 17 02:08:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	234695	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	236976	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	150126	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	91965	58.878	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	117.760%	
7) Chloroethane-d5	1.536	69	75749	55.580	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	111.160%	
11) 1,1-Dichloroethene-d2	2.063	65	45019	55.923	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	111.840%	
21) 2-Butanone-d5	3.799	46	107695	85.150	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	85.150%	
24) Chloroform-d	4.256	84	185330	47.377	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	94.760%	
26) 1,2-Dichloroethane-d4	4.947	65	118666	48.485	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	96.960%	
32) Benzene-d6	4.966	84	352145	52.793	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	105.580%	
36) 1,2-Dichloropropane-d6	5.995	67	112550	47.606	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	95.220%	
41) Toluene-d8	7.249	98	341324	55.762	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	111.520%	
43) trans-1,3-Dichloroprop...	7.555	79	55669	48.302	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	96.600%	
47) 2-Hexanone-d5	8.031	63	86724	92.906	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	92.910%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	163511	45.821	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	91.640%	
66) 1,2-Dichlorobenzene-d4	11.564	152	133323	46.589	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	93.180%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	114818	46.122	ug/L	98
3) Chloromethane	1.217	50	98512	41.937	ug/L	97
5) Vinyl chloride	1.288	62	103084	44.268	ug/L	100
6) Bromomethane	1.494	94	68208	44.941	ug/L	98
8) Chloroethane	1.555	64	62059	41.263	ug/L	94
9) Trichlorofluoromethane	1.719	101	181271	46.791	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	102786	49.509	ug/L	98
12) 1,1-Dichloroethene	2.076	96	81224	46.773	ug/L	98
13) Acetone	2.124	43	96010	76.930	ug/L	99
14) Carbon disulfide	2.246	76	249432	47.484	ug/L	100
15) Methyl Acetate	2.378	43	92036	43.801	ug/L	96
16) Methylene chloride	2.455	84	99091	45.514	ug/L	94
17) trans-1,2-Dichloroethene	2.700	96	84542	46.639	ug/L	99
18) Methyl tert-butyl Ether	2.709	73	284472	47.032	ug/L	98
19) 1,1-Dichloroethane	3.118	63	182589	46.671	ug/L	99
20) cis-1,2-Dichloroethene	3.822	96	93079	47.514	ug/L	91
22) 2-Butanone	3.880	43	133409	85.569	ug/L	99
23) Bromochloromethane	4.153	128	53041	50.090	ug/L	96
25) Chloroform	4.281	83	204231	50.217	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	150027	47.797	ug/L	97
29) Cyclohexane	4.590	56	139338	45.194	ug/L	99
30) 1,1,1-Trichloroethane	4.519	97	179796	47.322	ug/L	99
31) Carbon tetrachloride	4.741	117	162175	48.174	ug/L	97
33) Benzene	5.015	78	375929	47.647	ug/L	100
34) Trichloroethene	5.838	95	100096	47.477	ug/L	89
35) Methylcyclohexane	6.056	83	148642	47.849	ug/L	98
37) 1,2-Dichloropropane	6.098	63	106835	46.113	ug/L	98
38) Bromodichloromethane	6.439	83	150469	48.050	ug/L	99
39) cis-1,3-Dichloropropene	6.957	75	163054	47.411	ug/L	100
40) 4-Methyl-2-pentanone	7.162	43	253585	93.216	ug/L	98
42) Toluene	7.320	91	414284	50.644	ug/L	98
44) trans-1,3-Dichloropropene	7.584	75	164424	49.094	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	103557	47.317	ug/L	99
46) Tetrachloroethene	7.908	164	81381	49.182	ug/L	99
48) 2-Hexanone	8.079	43	208842	96.122	ug/L	98
49) Dibromochloromethane	8.182	129	123067	50.594	ug/L	98
50) 1,2-Dibromoethane	8.285	107	113714	48.796	ug/L	100
51) Chlorobenzene	8.818	112	261503	48.266	ug/L	96
52) Ethylbenzene	8.950	91	446306	48.894	ug/L	100
53) m,p-Xylene	9.079	106	168288	50.344	ug/L	98
54) o-Xylene	9.484	106	159819	50.381	ug/L	98
55) Styrene	9.500	104	305027	53.841	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.182	83	171485	47.954	ug/L	97
59) Bromoform	9.670	173	92212	49.552	ug/L	100
60) Isopropylbenzene	9.873	105	451366	47.160	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	132499	44.685	ug/L	98
62) 1,3,5-Trimethylbenzene	10.481	105	375487	47.468	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	350135	47.505	ug/L	98
64) 1,3-Dichlorobenzene	11.120	146	231733	48.294	ug/L	98
65) 1,4-Dichlorobenzene	11.214	146	242568	47.439	ug/L	98
67) 1,2-Dichlorobenzene	11.583	146	232693	48.047	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.368	75	37901	43.065	ug/L	98
69) 1,3,5-Trichlorobenzene	12.587	180	168325	46.038	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	143655	44.824	ug/L	99
71) Naphthalene	13.445	128	339289	41.796	ug/L	99
72) 1,2,3-Trichlorobenzene	13.686	180	152209	45.703	ug/L	98

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

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