

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120822\
 Data File : VW029484.D
 Acq On : 08 Dec 2022 19:45
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050377

Quant Time: Dec 09 02:02:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 08 01:48:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	559118	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	517601	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	277341	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	131007	38.264	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.520%
7) Chloroethane-d5	1.561	69	111805	42.825	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.640%
11) 1,1-Dichloroethene-d2	2.108	63	241766	45.273	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.540%
21) 2-Butanone-d5	3.866	46	219248	104.973	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.970%
24) Chloroform-d	4.339	84	292115	45.339	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.680%
26) 1,2-Dichloroethane-d4	5.024	65	168444	45.775	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.560%
32) Benzene-d6	5.043	84	600706	43.922	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.840%
36) 1,2-Dichloropropane-d6	6.063	67	183547	43.936	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.880%
41) Toluene-d8	7.307	98	563105	43.697	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.400%
43) trans-1,3-Dichloroprop...	7.612	79	89068	42.222	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.440%
47) 2-Hexanone-d5	8.082	63	178697	100.170	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.170%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	278339	46.624	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.240%
66) 1,2-Dichlorobenzene-d4	11.612	152	230590	43.676	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	209128	47.485	ug/L	99
3) Chloromethane	1.240	50	228980	45.602	ug/L	99
5) Vinyl chloride	1.310	62	205298	48.867	ug/L	99
6) Bromomethane	1.513	94	103479	61.215	ug/L	99
8) Chloroethane	1.580	64	118133	50.499	ug/L	99
9) Trichlorofluoromethane	1.751	101	262467	49.906	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	146340	50.076	ug/L	99
12) 1,1-Dichloroethene	2.114	96	149848	50.140	ug/L	98
13) Acetone	2.156	43	128931	94.759	ug/L	100
14) Carbon disulfide	2.291	76	469386	47.191	ug/L	99
15) Methyl Acetate	2.423	43	166292	53.644	ug/L	98
16) Methylene chloride	2.500	84	184588	49.674	ug/L	97
17) trans-1,2-Dichloroethene	2.754	96	171802	49.891	ug/L	96
18) Methyl tert-butyl Ether	2.764	73	534224	50.635	ug/L	99
19) 1,1-Dichloroethane	3.182	63	301289	51.072	ug/L	99
20) cis-1,2-Dichloroethene	3.902	96	188527	49.788	ug/L	98
22) 2-Butanone	3.950	43	228737	105.653	ug/L	97
23) Bromochloromethane	4.239	128	97603	50.057	ug/L	94
25) Chloroform	4.365	83	312292	51.062	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.120	62	222723	51.552	ug/L	99
29) Cyclohexane	4.670	56	278075	49.594	ug/L	99
30) 1,1,1-Trichloroethane	4.600	97	272197	48.268	ug/L	98
31) Carbon tetrachloride	4.821	117	231739	47.059	ug/L	100
33) Benzene	5.092	78	728674	49.944	ug/L	100
34) Trichloroethene	5.908	95	177722	48.612	ug/L	99
35) Methylcyclohexane	6.124	83	300735	48.433	ug/L	98
37) 1,2-Dichloropropane	6.165	63	181402	51.515	ug/L	99
38) Bromodichloromethane	6.503	83	231939	47.713	ug/L	98
39) cis-1,3-Dichloropropene	7.018	75	275096	47.502	ug/L	98
40) 4-Methyl-2-pentanone	7.220	43	459384	109.416	ug/L	98
42) Toluene	7.381	91	773507	49.257	ug/L	99
44) trans-1,3-Dichloropropene	7.641	75	259937	47.395	ug/L	99
45) 1,1,2-Trichloroethane	7.831	97	180403	49.589	ug/L	99
46) Tetrachloroethene	7.966	164	145539	49.514	ug/L	96
48) 2-Hexanone	8.133	43	353952	110.346	ug/L	96
49) Dibromochloromethane	8.236	129	189289	47.128	ug/L	98
50) 1,2-Dibromoethane	8.342	107	185183	49.409	ug/L	100
51) Chlorobenzene	8.873	112	490695	49.347	ug/L	99
52) Ethylbenzene	9.005	91	825251	49.986	ug/L	100
53) m,p-Xylene	9.130	106	321226	49.160	ug/L	100
54) o-Xylene	9.535	106	317004	49.045	ug/L	98
55) Styrene	9.551	104	566124	50.400	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.230	83	292196	50.211	ug/L	99
59) Bromoform	9.722	173	143030	46.686	ug/L	99
60) Isopropylbenzene	9.921	105	841134	51.657	ug/L	100
61) 1,2,3-Trichloropropane	10.262	75	222428	51.958	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	704765	48.951	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	703858	49.320	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	389968	48.981	ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	393284	48.605	ug/L	99
67) 1,2-Dichlorobenzene	11.631	146	392854	48.254	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.413	75	61381	46.132	ug/L	99
69) 1,3,5-Trichlorobenzene	12.631	180	303462	47.895	ug/L	100
70) 1,2,4-trichlorobenzene	13.249	180	273772	48.591	ug/L	100
71) Naphthalene	13.493	128	642433	50.269	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	275893	49.994	ug/L	99

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

