

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100121\
 Data File : VW022475.D
 Acq On : 01 Oct 2021 19:50
 Operator : SY/MD
 Sample : VSTD05059
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050259

Manual Integrations
 APPROVED

MMDadoda
 10/6/2021 2:24:03 PM

Quant Time: Oct 02 00:40:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 02 00:39:18 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	255611	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	237571	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	129396	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	76434	37.346	ug/L	0.00
7) Chloroethane-d5	1.565	69	61101	37.759	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	151622	41.744	ug/L	0.00
21) 2-Butanone-d5	3.889	46	82475m	60.540	ug/L	0.00
24) Chloroform-d	4.343	84	141306	38.178	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.027	65	83458	37.072	ug/L	0.00
32) Benzene-d6	5.047	84	276264	39.337	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	85237	37.911	ug/L	0.00
41) Toluene-d8	7.313	98	257835	40.014	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	41539	40.303	ug/L	0.00
47) 2-Hexanone-d5	8.088	63	71433	79.458	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	121143	37.416	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	104553	38.438	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	124892	50.719	ug/L	100
3) Chloromethane	1.240	50	122257	48.889	ug/L	100
5) Vinyl chloride	1.307	62	118123	50.340	ug/L	100
6) Bromomethane	1.520	94	81851	53.588	ug/L	100
8) Chloroethane	1.581	64	71958	50.238	ug/L	100
9) Trichlorofluoromethane	1.751	101	163848	51.292	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	92224	51.275	ug/L	100
12) 1,1-Dichloroethene	2.114	96	86985	51.138	ug/L	100
13) Acetone	2.179	43	87959m	76.388	ug/L	
14) Carbon disulfide	2.291	76	260187	49.500	ug/L	100
15) Methyl Acetate	2.429	43	95653	44.385	ug/L	100
16) Methylene chloride	2.503	84	105199	45.056	ug/L	100
17) trans-1,2-Dichloroethene	2.757	96	94550	48.843	ug/L	100
18) Methyl tert-butyl Ether	2.764	73	301005	51.754	ug/L	100
19) 1,1-Dichloroethane	3.185	63	165460	47.596	ug/L	100
20) cis-1,2-Dichloroethene	3.905	96	101669	49.311	ug/L	100
22) 2-Butanone	3.970	43	129884m	85.470	ug/L	
23) Bromochloromethane	4.243	128	56082	50.037	ug/L	100
25) Chloroform	4.368	83	169256	47.389	ug/L	100
27) 1,2-Dichloroethane	5.124	62	121544	47.652	ug/L	100
29) Cyclohexane	4.674	56	138317	49.846	ug/L	100
30) 1,1,1-Trichloroethane	4.603	97	146471	51.096	ug/L	100
31) Carbon tetrachloride	4.825	117	129549	51.245	ug/L	100
33) Benzene	5.095	78	360846	50.014	ug/L	100
34) Trichloroethene	5.912	95	94356	50.349	ug/L	100
35) Methylcyclohexane	6.127	83	147045	51.151	ug/L	100
37) 1,2-Dichloropropane	6.169	63	92635	49.992	ug/L	100
38) Bromodichloromethane	6.506	83	121790	51.098	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	147161	53.442	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	261897	101.512	ug/L	100
42) Toluene	7.384	91	394375	51.029	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	140735	53.598	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.838	97	97248	51.086	ug/L	100
46) Tetrachloroethene	7.973	164	80397	51.619	ug/L	100
48) 2-Hexanone	8.137	43	190854	98.405	ug/L	100
49) Dibromochloromethane	8.246	129	108905	53.698	ug/L	100
50) 1,2-Dibromoethane	8.352	107	105158	51.733	ug/L	100
51) Chlorobenzene	8.879	112	252008	49.606	ug/L	100
52) Ethylbenzene	9.011	91	409130	50.658	ug/L	100
53) m,p-Xylene	9.137	106	162409	52.008	ug/L	100
54) o-Xylene	9.542	106	160454	52.746	ug/L	100
55) Styrene	9.558	104	280515	53.268	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	151269	48.778	ug/L	100
59) Bromoform	9.731	173	81803	54.950	ug/L	100
60) Isopropylbenzene	9.931	105	413454	51.718	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	119213	49.541	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	354708	53.569	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	355803	53.431	ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	206604	50.874	ug/L	100
65) 1,4-Dichlorobenzene	11.272	146	210389	50.722	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	209902	50.617	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	32830	51.448	ug/L	100
69) 1,3,5-Trichlorobenzene	12.644	180	154394	52.235	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	138571	54.776	ug/L	100
71) Naphthalene	13.503	128	474998	60.849	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	144089	55.255	ug/L	100

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

