

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012921\
 Data File : VW017999.D
 Acq On : 29 Jan 2021 13:44
 Operator : SY/VA
 Sample : VSTD2.504
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.504

Manual Integrations
 APPROVED

SAM
 1/31/2021 12:14:07 AM

Quant Time: Jan 29 16:04:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 29 15:52:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	374368	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	339528	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	181199	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	12720	2.66	ug/L	0.00
7) Chloroethane-d5	2.891	69	10040	2.21	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.025	63	25017	2.66	ug/L	0.00
20) 2-Butanone-d5	7.086	46	5750m	4.75	ug/L	0.01
24) Chloroform-d	7.647	84	25512	2.56	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	13648	2.63	ug/L	0.00
29) Benzene-d6	8.275	84	49197	2.62	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.274	67	13661	2.57	ug/L	0.00
37) Toluene-d8	10.323	98	46303	2.60	ug/L	0.00
38) trans-1,3-Dichloroprop...	10.579	79	5552	2.44	ug/L	0.00
39) 2-Hexanone-d5	10.927	63	4280	4.74	ug/L	0.00
48) 1,1,2,2-Tetrachloroeth...	12.688	84	11393	2.59	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.847	152	16205	2.55	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	12726	2.34	ug/L	99
3) Chloromethane	2.215	50	8966	1.82	ug/L	99
5) Vinyl chloride	2.367	62	12251	2.25	ug/L	98
6) Bromomethane	2.782	94	9451	2.08	ug/L	99
8) Chloroethane	2.928	64	7750	2.00	ug/L	99
9) Trichlorofluoromethane	3.257	101	8879	2.25	ug/L	99
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	13097	2.47	ug/L #	82
12) 1,1-Dichloroethene	4.038	96	12361	2.54	ug/L	82
13) Acetone	4.123	43	5665	5.78	ug/L	64
14) Carbon disulfide	4.391	76	34586	2.46	ug/L	100
15) Methyl Acetate	4.678	43	4765	2.38	ug/L	96
16) Methylene chloride	4.922	84	21399	3.43	ug/L	91
17) Methyl tert-butyl Ether	5.428	73	14141	2.66	ug/L #	90
18) trans-1,2-Dichloroethene	5.428	96	13362	2.49	ug/L	98
19) 1,1-Dichloroethane	6.208	63	21946	2.44	ug/L	97
21) 2-Butanone	7.183	43	7398m	5.79	ug/L	
22) cis-1,2-Dichloroethene	7.165	96	13846	2.52	ug/L	95
23) Bromochloromethane	7.513	128	6945	2.77	ug/L #	88
25) Chloroform	7.677	83	24006	2.49	ug/L	97
27) 1,2-Dichloroethane	8.397	62	15391	2.48	ug/L	99
30) Cyclohexane	7.952	56	18765	2.28	ug/L	93
31) 1,1,1-Trichloroethane	7.866	97	19229	2.53	ug/L	98
32) Carbon tetrachloride	8.067	117	18034	2.45	ug/L	98
34) Benzene	8.323	78	50568	2.49	ug/L	100
35) Trichloroethene	9.085	95	14438	2.54	ug/L	97
36) Methylcyclohexane	9.335	83	23125	2.39	ug/L	99
40) 1,2-Dichloropropane	9.366	63	11437	2.34	ug/L	100
41) Bromodichloromethane	9.640	83	16180	2.48	ug/L	95
42) cis-1,3-Dichloropropene	10.073	75	17007	2.35	ug/L	98
43) 4-Methyl-2-pentanone	10.207	43	13456	4.72	ug/L	100
44) Toluene	10.384	91	54943	2.46	ug/L	99
45) trans-1,3-Dichloropropene	10.603	75	14460	2.29	ug/L	96

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46) 1,1,2-Trichloroethane	10.786	97	9832	2.65	ug/L	97
47) Tetrachloroethene	10.866	164	12131	2.64	ug/L	93
49) 2-Hexanone	10.969	43	8645	4.34	ug/L	92
50) Dibromochloromethane	11.128	129	11255	2.57	ug/L	100
51) 1,2-Dibromoethane	11.231	107	9389	2.58	ug/L #	98
52) Chlorobenzene	11.658	112	36677	2.53	ug/L	97
53) Ethylbenzene	11.731	91	62730	2.46	ug/L	94
54) m,p-Xylene	11.835	106	23377	2.38	ug/L	90
55) o-xylene	12.164	106	22172	2.43	ug/L	100
56) Styrene	12.182	104	36873	2.39	ug/L	98
57) Isopropylbenzene	12.463	105	62100	2.42	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.713	83	11413	2.59	ug/L	94
59) 1,2,3-Trichloropropane	12.768	75	8817	2.72	ug/L	99
62) Bromoform	12.347	173	6131	2.51	ug/L	99
63) 1,3-Dichlorobenzene	13.493	146	29667	2.53	ug/L	90
64) 1,4-Dichlorobenzene	13.579	146	30064	2.57	ug/L	92
65) 1,2-Dichlorobenzene	13.865	146	25910	2.50	ug/L	97
66) 1,2-Dibromo-3-chloropr...	14.487	75	1844	2.50	ug/L #	85
67) 1,3,5-Trichlorobenzene	14.627	180	21330	2.52	ug/L	97
68) 1,2,4-trichlorobenzene	15.133	180	18474	2.63	ug/L	94
69) Naphthalene	15.359	128	32108	2.35	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	16287	2.68	ug/L	99

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

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TIC: VW017999.D\data.ms

Abundance

Time-->

Peak Labels:

- Dichlorodifluoromethane, T
- Chloromethane, T
- Vinyl chloride, S
- Bromomethane, T
- Chloroethane, T
- Trichlorofluoromethane, T
- Acetone, T
- 1,1-Dichloroethane, T
- Soroethane, T
- Carbon disulfide, T
- Methyl Acetate, T
- Methylene chloride, T
- Methyl 1,2-Dichloroethane, T
- 1,1-Dichloroethane, T
- 2-Butanone, S
- Chloroform, T
- Bromoethane, T
- 1,1-Dichloroethane, T
- Carbon tetrachloride, T
- 1,2-Dichloroethane, T
- 1,2-Dichlorobenzene, T
- 1,4-Difluorobenzene, I
- Trichloroethene, T
- 1,2-Dichloropropane, S
- Bromodichloromethane, T
- cis-1,3-Dichloropropene, T
- 4-Methyl-2-pentanone, S
- trans-1,3-Dichloropropene, T
- 1,1,2-Trichloroethane, T
- 2-Hexanone, S
- Dibromochloromethane, T
- 1,2-Dibromobenzene, T
- Chlorobenzene, T
- m,p-Xylene, T
- Styrene, T
- Bromoform, T
- Isopropylbenzene, T
- 1,3-Dichlorobenzene, T
- 1,2-Dichlorobenzene, T
- 1,3-Dichlorobenzene, T
- 1,2-Dichlorobenzene, T
- 1,2-Dibromo-3-chloropropane, T
- 1,3,5-Trichlorobenzene
- 1,2,4-trichlorobenzene, T
- Naphthalene
- 1,2,3-Trichlorobenzene, T