

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012621\
 Data File : VW017991.D
 Acq On : 26 Jan 2021 15:02
 Operator : SY/VA
 Sample : VSTD05006
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD05006

Manual Integrations
 APPROVED

MMDadoda
 1/29/2021 11:57:29 AM

Quant Time: Jan 26 15:54:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012621S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 26 15:52:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	455306	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.633	117	420600	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	217411	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	248826	36.41	ug/L	0.00
7) Chloroethane-d5	2.885	69	231344	39.66	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.019	63	475279	38.15	ug/L	0.00
20) 2-Butanone-d5	7.073	46	121346	77.05	ug/L	0.00
24) Chloroform-d	7.646	84	509294	41.53	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	268197	39.48	ug/L	0.00
29) Benzene-d6	8.274	84	961670	40.32	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.274	67	276537	40.76	ug/L	0.00
37) Toluene-d8	10.323	98	932277	41.71	ug/L	0.00
38) trans-1,3-Dichloroprop...	10.579	79	128462	42.44	ug/L	0.00
39) 2-Hexanone-d5	10.926	63	96565	84.95	ug/L	0.00
48) 1,1,2,2-Tetrachloroeth...	12.694	84	232252	40.23	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.853	152	323725	43.09	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	309444	54.14	ug/L	99
3) Chloromethane	2.214	50	283548	52.88	ug/L	99
5) Vinyl chloride	2.361	62	318909	43.01	ug/L	100
6) Bromomethane	2.775	94	252463	41.61	ug/L	99
8) Chloroethane	2.922	64	219315	46.34	ug/L	96
9) Trichlorofluoromethane	3.263	101	224205	40.43	ug/L	99
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	274747m	43.54	ug/L	
12) 1,1-Dichloroethene	4.043	96	255641	43.41	ug/L	89
13) Acetone	4.116	43	84641	73.94	ug/L	91
14) Carbon disulfide	4.385	76	792344	43.52	ug/L	99
15) Methyl Acetate	4.665	43	107321	39.03	ug/L	97
16) Methylene chloride	4.915	84	259831	39.49	ug/L	96
17) Methyl tert-butyl Ether	5.421	73	289586	37.95	ug/L	99
18) trans-1,2-Dichloroethene	5.421	96	283203	44.18	ug/L	97
19) 1,1-Dichloroethane	6.214	63	487015	44.67	ug/L	99
21) 2-Butanone	7.165	43	143460	82.14	ug/L	99
22) cis-1,2-Dichloroethene	7.171	96	297283	43.91	ug/L	97
23) Bromochloromethane	7.512	128	136683	45.02	ug/L	94
25) Chloroform	7.677	83	510411	43.88	ug/L	98
27) 1,2-Dichloroethane	8.396	62	339699	43.04	ug/L	97
30) Cyclohexane	7.957	56	454838	44.26	ug/L	99
31) 1,1,1-Trichloroethane	7.872	97	414362	42.80	ug/L	98
32) Carbon tetrachloride	8.067	117	401260	43.46	ug/L	99
34) Benzene	8.323	78	1110080	44.61	ug/L	100
35) Trichloroethene	9.091	95	300510	43.85	ug/L	96
36) Methylcyclohexane	9.335	83	527896	44.48	ug/L	99
40) 1,2-Dichloropropane	9.366	63	268566	44.59	ug/L	98
41) Bromodichloromethane	9.646	83	370898	45.02	ug/L	98
42) cis-1,3-Dichloropropene	10.073	75	431008	45.44	ug/L	98
43) 4-Methyl-2-pentanone	10.207	43	330334	87.13	ug/L	98
44) Toluene	10.390	91	1246367	45.36	ug/L	96
45) trans-1,3-Dichloropropene	10.603	75	383587	47.01	ug/L	99

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46) 1,1,2-Trichloroethane	10.786	97	206107	43.48	ug/L	98
47) Tetrachloroethene	10.859	164	247166	45.97	ug/L	95
49) 2-Hexanone	10.969	43	231920	90.22	ug/L	90
50) Dibromochloromethane	11.127	129	255866	45.09	ug/L	99
51) 1,2-Dibromoethane	11.237	107	205560	43.73	ug/L #	99
52) Chlorobenzene	11.658	112	794763	44.76	ug/L	96
53) Ethylbenzene	11.731	91	1415172	45.64	ug/L	99
54) m,p-Xylene	11.841	106	552381	45.77	ug/L	99
55) o-xylene	12.164	106	519601	46.72	ug/L	99
56) Styrene	12.182	104	892795	47.21	ug/L	99
57) Isopropylbenzene	12.463	105	1444908	46.46	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.713	83	247504	43.39	ug/L	99
59) 1,2,3-Trichloropropane	12.767	75	177827	41.41	ug/L	100
62) Bromoform	12.347	173	134781	44.83	ug/L	98
63) 1,3-Dichlorobenzene	13.499	146	636241	46.73	ug/L	94
64) 1,4-Dichlorobenzene	13.578	146	616994	44.93	ug/L	95
65) 1,2-Dichlorobenzene	13.871	146	564217	46.23	ug/L	98
66) 1,2-Dibromo-3-chloropr...	14.480	75	39237	41.03	ug/L #	80
67) 1,3,5-Trichlorobenzene	14.627	180	438146	46.15	ug/L	97
68) 1,2,4-trichlorobenzene	15.133	180	357192	44.09	ug/L	94
69) Naphthalene	15.364	128	751099	45.17	ug/L	100
70) 1,2,3-Trichlorobenzene	15.553	180	310857	44.31	ug/L	98

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

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