

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011821\
 Data File : VW017921.D
 Acq On : 18 Jan 2021 11:09
 Operator : SY/VA
 Sample : VSTD05005
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD05005

Quant Time: Jan 18 12:08:12 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM011821S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 18 11:36:18 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	430209	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	397997	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	206360	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	312056	45.61	ug/L	0.00
7) Chloroethane-d5	2.885	69	274229	48.85	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.019	63	575254	48.45	ug/L	0.00
20) 2-Butanone-d5	7.080	46	155671	121.84	ug/L	0.00
24) Chloroform-d	7.647	84	562830	48.86	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	311874	50.94	ug/L	0.00
29) Benzene-d6	8.274	84	1076259	47.44	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.274	67	306446	48.79	ug/L	0.00
37) Toluene-d8	10.323	98	1033305	47.51	ug/L	0.00
38) trans-1,3-Dichloroprop...	10.579	79	150232	52.76	ug/L	0.00
39) 2-Hexanone-d5	10.926	63	117257	127.79	ug/L	0.00
48) 1,1,2,2-Tetrachloroeth...	12.694	84	274638	54.82	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.853	152	348370	47.61	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	267731	53.88	ug/L	94
3) Chloromethane	2.215	50	226004	52.23	ug/L	98
5) Vinyl chloride	2.367	62	361359	49.58	ug/L	97
6) Bromomethane	2.775	94	320718	60.26	ug/L	99
8) Chloroethane	2.922	64	226620	50.06	ug/L	99
9) Trichlorofluoromethane	3.257	101	277426	46.70	ug/L	100
11) 1,1,2-Trichloro-1,2,2-...	4.062	101	293655	52.84	ug/L #	70
12) 1,1-Dichloroethene	4.037	96	283004	52.40	ug/L	81
13) Acetone	4.135	43	105003	105.73	ug/L	89
14) Carbon disulfide	4.385	76	892022	55.11	ug/L	99
15) Methyl Acetate	4.671	43	133411	63.78	ug/L	96
16) Methylene chloride	4.921	84	277498	44.22	ug/L	99
17) Methyl tert-butyl Ether	5.421	73	367575	52.67	ug/L	98
18) trans-1,2-Dichloroethene	5.421	96	304660	52.28	ug/L	100
19) 1,1-Dichloroethane	6.214	63	519737	52.25	ug/L	98
21) 2-Butanone	7.171	43	170702	118.54	ug/L	99
22) cis-1,2-Dichloroethene	7.171	96	320202	52.60	ug/L	98
23) Bromochloromethane	7.512	128	147394	56.16	ug/L	92
25) Chloroform	7.671	83	547477	52.46	ug/L	100
27) 1,2-Dichloroethane	8.402	62	380991	55.13	ug/L	97
30) Cyclohexane	7.957	56	490949	51.49	ug/L	99
31) 1,1,1-Trichloroethane	7.872	97	462026	50.51	ug/L	98
32) Carbon tetrachloride	8.067	117	455124	52.64	ug/L	98
34) Benzene	8.323	78	1171742	51.20	ug/L	100
35) Trichloroethene	9.091	95	319374	50.52	ug/L	97
36) Methylcyclohexane	9.335	83	565054	51.16	ug/L	99
40) 1,2-Dichloropropane	9.366	63	280266	51.72	ug/L	98
41) Bromodichloromethane	9.646	83	401106	53.87	ug/L	96
42) cis-1,3-Dichloropropene	10.073	75	477259	55.20	ug/L	97
43) 4-Methyl-2-pentanone	10.213	43	387810	130.21	ug/L	97
44) Toluene	10.390	91	1298649	50.02	ug/L	96
45) trans-1,3-Dichloropropene	10.603	75	420833	56.46	ug/L	98

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46) 1,1,2-Trichloroethane	10.786	97	228215	54.77	ug/L	99
47) Tetrachloroethene	10.859	164	255298	51.54	ug/L	94
49) 2-Hexanone	10.969	43	276149	131.38	ug/L	90
50) Dibromochloromethane	11.128	129	283028	57.96	ug/L	97
51) 1,2-Dibromoethane	11.231	107	236076	59.16	ug/L #	93
52) Chlorobenzene	11.658	112	838387	51.79	ug/L	97
53) Ethylbenzene	11.731	91	1486317	50.56	ug/L	99
54) m,p-Xylene	11.841	106	571856	50.10	ug/L	100
55) o-xylene	12.164	106	541906	50.31	ug/L	97
56) Styrene	12.182	104	914722	50.88	ug/L	97
57) Isopropylbenzene	12.463	105	1491777	50.14	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.713	83	279210	58.01	ug/L	99
59) 1,2,3-Trichloropropane	12.768	75	211143	59.24	ug/L	99
62) Bromoform	12.353	173	160229	60.81	ug/L	99
63) 1,3-Dichlorobenzene	13.499	146	645394	50.23	ug/L	96
64) 1,4-Dichlorobenzene	13.578	146	636631	49.57	ug/L	98
65) 1,2-Dichlorobenzene	13.865	146	572358	50.19	ug/L	95
66) 1,2-Dibromo-3-chloropr...	14.481	75	50163	61.43	ug/L #	78
67) 1,3,5-Trichlorobenzene	14.627	180	439210	49.64	ug/L	97
68) 1,2,4-trichlorobenzene	15.133	180	387110	53.05	ug/L	95
69) Naphthalene	15.365	128	860928	58.45	ug/L	100
70) 1,2,3-Trichlorobenzene	15.554	180	324598	51.69	ug/L	94

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

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