

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011821\
 Data File : VW017924.D
 Acq On : 18 Jan 2021 12:43
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02523

Quant Time: Jan 19 06:48:03 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM011821S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 18 12:12:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	421492	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	390303	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	199045	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	161794	24.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.84%
7) Chloroethane-d5	2.885	69	136247	24.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.76%
10) 1,1-Dichloroethene-d2	4.025	63	299251	25.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.16%
20) 2-Butanone-d5	7.080	46	85885	53.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.36%
24) Chloroform-d	7.647	84	306100	26.61	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.44%
26) 1,2-Dichloroethane-d4	8.305	65	176281	27.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.40%
29) Benzene-d6	8.275	84	587142	26.28	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.12%
33) 1,2-Dichloropropane-d6	9.274	67	170513	26.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.28%
37) Toluene-d8	10.323	98	552846	26.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.44%
38) trans-1,3-Dichloroprop...	10.579	79	81117	27.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	111.76%
39) 2-Hexanone-d5	10.927	63	65108	57.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.26%
48) 1,1,2,2-Tetrachloroeth...	12.695	84	157084	27.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.16%
61) 1,2-Dichlorobenzene-d4	13.853	152	194593	28.10	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.40%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	134035	26.27	ug/L	93
3) Chloromethane	2.215	50	117406	25.45	ug/L	96
5) Vinyl chloride	2.367	62	185085	26.31	ug/L	97
6) Bromomethane	2.782	94	141700	25.08	ug/L	99
8) Chloroethane	2.922	64	115375	26.40	ug/L	97
9) Trichlorofluoromethane	3.263	101	137781	25.84	ug/L	99
11) 1,1,2-Trichloro-1,2,2-...	4.062	101	152289	25.96	ug/L #	69
12) 1,1-Dichloroethene	4.044	96	145694	26.34	ug/L	93
13) Acetone	4.123	43	55748	49.48	ug/L	96
14) Carbon disulfide	4.385	76	450165	26.29	ug/L	100
15) Methyl Acetate	4.672	43	74152	27.05	ug/L	97
16) Methylene chloride	4.915	84	156506	25.63	ug/L	97
17) Methyl tert-butyl Ether	5.428	73	211608	28.42	ug/L	98
18) trans-1,2-Dichloroethene	5.428	96	159831	26.71	ug/L	98
19) 1,1-Dichloroethane	6.220	63	276628	27.29	ug/L	100
21) 2-Butanone	7.171	43	92616	52.91	ug/L	96
22) cis-1,2-Dichloroethene	7.165	96	171602	27.38	ug/L	97
23) Bromochloromethane	7.519	128	77864	27.32	ug/L	93
25) Chloroform	7.677	83	295249	27.33	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	209124	28.07	ug/L	95
30) Cyclohexane	7.958	56	255101	26.60	ug/L	99
31) 1,1,1-Trichloroethane	7.872	97	243389	26.76	ug/L	97
32) Carbon tetrachloride	8.067	117	233607	26.86	ug/L	99
34) Benzene	8.323	78	623723	27.03	ug/L	100
35) Trichloroethene	9.092	95	174377	27.48	ug/L	94
36) Methylcyclohexane	9.335	83	293339	26.55	ug/L	99
40) 1,2-Dichloropropane	9.366	63	154381	27.65	ug/L	98
41) Bromodichloromethane	9.646	83	217482	28.23	ug/L	98
42) cis-1,3-Dichloropropene	10.073	75	247726	27.92	ug/L	100
43) 4-Methyl-2-pentanone	10.207	43	210976	56.21	ug/L	98
44) Toluene	10.390	91	695175	27.26	ug/L	97
45) trans-1,3-Dichloropropene	10.603	75	228344	29.46	ug/L	97
46) 1,1,2-Trichloroethane	10.786	97	127450	28.35	ug/L	98
47) Tetrachloroethene	10.860	164	131973	26.43	ug/L	95
49) 2-Hexanone	10.969	43	153007	59.69	ug/L	90
50) Dibromochloromethane	11.128	129	153107	28.53	ug/L	99
51) 1,2-Dibromoethane	11.237	107	127903	28.30	ug/L	96
52) Chlorobenzene	11.658	112	451556	27.47	ug/L	96
53) Ethylbenzene	11.731	91	792623	27.52	ug/L	99
54) m,p-Xylene	11.841	106	303795	27.25	ug/L	94
55) o-xylene	12.164	106	290039	28.09	ug/L	97
56) Styrene	12.182	104	497465	28.42	ug/L	99
57) Isopropylbenzene	12.463	105	784644	27.33	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.713	83	156217	28.16	ug/L	96
59) 1,2,3-Trichloropropane	12.768	75	118449	28.24	ug/L	98
62) Bromoform	12.347	173	86179	30.35	ug/L	98
63) 1,3-Dichlorobenzene	13.499	146	347698	27.90	ug/L	97
64) 1,4-Dichlorobenzene	13.579	146	355243	28.36	ug/L	96
65) 1,2-Dichlorobenzene	13.871	146	311918	27.79	ug/L	93
66) 1,2-Dibromo-3-chloropr...	14.481	75	28139	29.92	ug/L #	80
67) 1,3,5-Trichlorobenzene	14.627	180	253690	29.13	ug/L	96
68) 1,2,4-trichlorobenzene	15.133	180	215648	29.01	ug/L	94
69) Naphthalene	15.365	128	472156	29.68	ug/L	100
70) 1,2,3-Trichlorobenzene	15.554	180	198561	30.64	ug/L	98

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

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