

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040221\
 Data File : VW018550.D
 Acq On : 02 Apr 2021 15:01
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02527

Quant Time: Apr 02 23:46:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 02 23:44:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	469456	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	453685	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	247550	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	194967	29.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	119.36%
7) Chloroethane-d5	2.885	69	159114	27.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.28%
10) 1,1-Dichloroethene-d2	4.032	63	301296	26.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	106.84%
20) 2-Butanone-d5	7.080	46	74089	50.94	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.88%
24) Chloroform-d	7.647	84	331139	27.69	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.76%
26) 1,2-Dichloroethane-d4	8.305	65	188599	27.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.08%
29) Benzene-d6	8.275	84	625413	25.93	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.72%
33) 1,2-Dichloropropane-d6	9.274	67	183271	26.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.36%
37) Toluene-d8	10.323	98	626039	26.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.84%
38) trans-1,3-Dichloroprop...	10.579	79	84321	23.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.00%
39) 2-Hexanone-d5	10.921	63	62104	45.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.22%
48) 1,1,2,2-Tetrachloroeth...	12.689	84	163165	26.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.88%
61) 1,2-Dichlorobenzene-d4	13.853	152	220540	25.06	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.24%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	132102	24.50	ug/L	96
3) Chloromethane	2.215	50	171756	25.27	ug/L	99
5) Vinyl chloride	2.367	62	254524	28.52	ug/L	99
6) Bromomethane	2.782	94	175489	27.23	ug/L	100
8) Chloroethane	2.928	64	157301	28.26	ug/L	99
9) Trichlorofluoromethane	3.257	101	111211	24.77	ug/L	99
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	164027	28.41	ug/L	99
12) 1,1-Dichloroethene	4.044	96	161631	27.43	ug/L	97
13) Acetone	4.117	43	51207	49.01	ug/L	99
14) Carbon disulfide	4.385	76	480098	27.05	ug/L	99
15) Methyl Acetate	4.672	43	63392	26.53	ug/L	95
16) Methylene chloride	4.922	84	172742	22.43	ug/L	96
17) Methyl tert-butyl Ether	5.428	73	214959	24.97	ug/L	99
18) trans-1,2-Dichloroethene	5.422	96	174172	26.77	ug/L	96
19) 1,1-Dichloroethane	6.214	63	305464	27.52	ug/L	99
21) 2-Butanone	7.171	43	84319	50.79	ug/L	94
22) cis-1,2-Dichloroethene	7.165	96	188641	27.57	ug/L	98
23) Bromochloromethane	7.507	128	84211	27.80	ug/L #	81
25) Chloroform	7.671	83	328173	27.86	ug/L	100

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

27) 1,2-Dichloroethane	8.397	62	227686	27.24	ug/L #	95
30) Cyclohexane	7.958	56	273836	25.43	ug/L	96
31) 1,1,1-Trichloroethane	7.872	97	264438	26.08	ug/L	98
32) Carbon tetrachloride	8.067	117	254462	26.93	ug/L	99
34) Benzene	8.323	78	699918	26.64	ug/L	100
35) Trichloroethene	9.092	95	193716	26.69	ug/L	100
36) Methylcyclohexane	9.335	83	328382	25.83	ug/L	98
40) 1,2-Dichloropropane	9.366	63	169881	26.43	ug/L	97
41) Bromodichloromethane	9.646	83	241437	26.57	ug/L	98
42) cis-1,3-Dichloropropene	10.073	75	272934	25.11	ug/L	99
43) 4-Methyl-2-pentanone	10.207	43	191208	49.47	ug/L	95
44) Toluene	10.384	91	811113	27.16	ug/L	95
45) trans-1,3-Dichloropropene	10.604	75	245798	25.19	ug/L	100
46) 1,1,2-Trichloroethane	10.786	97	135819	26.50	ug/L	99
47) Tetrachloroethene	10.860	164	149221	27.07	ug/L	91
49) 2-Hexanone	10.969	43	133425	48.78	ug/L	97
50) Dibromochloromethane	11.128	129	159022	26.32	ug/L	90
51) 1,2-Dibromoethane	11.238	107	130920	25.79	ug/L	96
52) Chlorobenzene	11.658	112	509346	26.89	ug/L	98
53) Ethylbenzene	11.731	91	909756	27.01	ug/L	96
54) m,p-Xylene	11.835	106	352162	27.36	ug/L	98
55) o-xylene	12.164	106	337208	27.49	ug/L	96
56) Styrene	12.183	104	580435	27.75	ug/L	93
57) Isopropylbenzene	12.463	105	935904	28.05	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.713	83	161530	26.04	ug/L	97
59) 1,2,3-Trichloropropane	12.768	75	121207	25.88	ug/L	98
62) Bromoform	12.353	173	88296	23.26	ug/L	98
63) 1,3-Dichlorobenzene	13.499	146	401879	25.36	ug/L	94
64) 1,4-Dichlorobenzene	13.579	146	410481	25.67	ug/L	95
65) 1,2-Dichlorobenzene	13.871	146	369559	26.10	ug/L	98
66) 1,2-Dibromo-3-chloropr...	14.481	75	27927	21.82	ug/L	92
67) 1,3,5-Trichlorobenzene	14.627	180	300614	26.31	ug/L	98
68) 1,2,4-trichlorobenzene	15.127	180	244735	25.17	ug/L	93
69) Naphthalene	15.365	128	497161	24.56	ug/L	99
70) 1,2,3-Trichlorobenzene	15.560	180	217477	25.63	ug/L	97

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

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