

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012021\
 Data File : VW017962.D
 Acq On : 20 Jan 2021 09:50
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02527

Quant Time: Jan 20 21:57:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM011821S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 20 04:48:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	376949	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	342421	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	169351	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	146118	24.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.80%
7) Chloroethane-d5	2.885	69	135480	27.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.92%
10) 1,1-Dichloroethene-d2	4.019	63	274558	25.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	102.76%
20) 2-Butanone-d5	7.080	46	62824	43.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.82%
24) Chloroform-d	7.647	84	273627	26.60	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.40%
26) 1,2-Dichloroethane-d4	8.299	65	149697	25.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.92%
29) Benzene-d6	8.269	84	511075	26.08	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.32%
33) 1,2-Dichloropropane-d6	9.275	67	147121	26.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.52%
37) Toluene-d8	10.323	98	479963	26.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.36%
38) trans-1,3-Dichloroprop...	10.579	79	63361	24.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.52%
39) 2-Hexanone-d5	10.927	63	44271	44.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.56%
48) 1,1,2,2-Tetrachloroeth...	12.695	84	123624	24.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.72%
61) 1,2-Dichlorobenzene-d4	13.853	152	154310	26.19	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.76%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	110543	24.23	ug/L	98
3) Chloromethane	2.209	50	109232	26.47	ug/L	97
5) Vinyl chloride	2.361	62	175983	27.97	ug/L	96
6) Bromomethane	2.782	94	144447	28.58	ug/L	98
8) Chloroethane	2.922	64	114630	29.33	ug/L	99
9) Trichlorofluoromethane	3.263	101	129687	27.19	ug/L	100
11) 1,1,2-Trichloro-1,2,2-...	4.062	101	137087	26.13	ug/L #	71
12) 1,1-Dichloroethene	4.044	96	132785	26.85	ug/L	87
13) Acetone	4.135	43	47176	46.82	ug/L	94
14) Carbon disulfide	4.379	76	413365	27.00	ug/L	98
15) Methyl Acetate	4.672	43	55216	22.52	ug/L	96
16) Methylene chloride	4.916	84	137245	25.13	ug/L	94
17) Methyl tert-butyl Ether	5.422	73	170534	25.61	ug/L	98
18) trans-1,2-Dichloroethene	5.422	96	141995	26.53	ug/L	97
19) 1,1-Dichloroethane	6.214	63	245889	27.13	ug/L	99
21) 2-Butanone	7.165	43	70578	45.08	ug/L	100
22) cis-1,2-Dichloroethene	7.165	96	147148	26.25	ug/L	95
23) Bromochloromethane	7.507	128	63551	24.94	ug/L #	78
25) Chloroform	7.671	83	259027	26.81	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	176894	26.55	ug/L	96
30) Cyclohexane	7.952	56	227566	27.05	ug/L	99
31) 1,1,1-Trichloroethane	7.872	97	216685	27.16	ug/L	97
32) Carbon tetrachloride	8.067	117	208611	27.34	ug/L	98
34) Benzene	8.324	78	560058	27.67	ug/L	100
35) Trichloroethene	9.092	95	154506	27.75	ug/L	92
36) Methylcyclohexane	9.336	83	261988	27.03	ug/L	99
40) 1,2-Dichloropropane	9.366	63	131069	26.75	ug/L	98
41) Bromodichloromethane	9.640	83	185088	27.38	ug/L	96
42) cis-1,3-Dichloropropene	10.073	75	212326	27.28	ug/L	99
43) 4-Methyl-2-pentanone	10.207	43	152102	46.19	ug/L	97
44) Toluene	10.384	91	610431	27.28	ug/L	98
45) trans-1,3-Dichloropropene	10.604	75	183481	26.98	ug/L	99
46) 1,1,2-Trichloroethane	10.787	97	100217	25.41	ug/L	94
47) Tetrachloroethene	10.860	164	116399	26.58	ug/L	97
49) 2-Hexanone	10.969	43	108647	48.31	ug/L #	89
50) Dibromochloromethane	11.128	129	121299	25.76	ug/L	96
51) 1,2-Dibromoethane	11.238	107	97700	24.64	ug/L #	97
52) Chlorobenzene	11.658	112	383782	26.61	ug/L	93
53) Ethylbenzene	11.731	91	691147	27.35	ug/L	97
54) m,p-Xylene	11.841	106	264067	27.00	ug/L	96
55) o-xylene	12.164	106	252461	27.87	ug/L	98
56) Styrene	12.183	104	423487	27.58	ug/L	100
57) Isopropylbenzene	12.463	105	683378	27.13	ug/L	98
58) 1,1,2,2-Tetrachloroethane	12.713	83	120659	24.79	ug/L	96
59) 1,2,3-Trichloropropane	12.768	75	90547	24.61	ug/L	98
62) Bromoform	12.347	173	62455	25.86	ug/L	100
63) 1,3-Dichlorobenzene	13.499	146	287094	27.08	ug/L	92
64) 1,4-Dichlorobenzene	13.579	146	285530	26.79	ug/L	97
65) 1,2-Dichlorobenzene	13.871	146	255715	26.78	ug/L	96
66) 1,2-Dibromo-3-chloropr...	14.481	75	18410	23.01	ug/L #	82
67) 1,3,5-Trichlorobenzene	14.627	180	196041	26.45	ug/L	95
68) 1,2,4-trichlorobenzene	15.133	180	159362	25.20	ug/L	97
69) Naphthalene	15.365	128	324245	23.96	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	137962	25.02	ug/L	98

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

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