

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110420\
 Data File : VW017079.D
 Acq On : 04 Nov 2020 16:28
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV03

Quant Time: Nov 05 06:31:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 04 16:12:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	522260	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	480165	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	244823	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	183219	27.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.40%
7) Chloroethane-d5	2.89	69	138053	27.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.92%
10) 1,1-Dichloroethene-d2	4.03	63	308618	26.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	104.92%
20) 2-Butanone-d5	7.07	46	87460	59.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.90%
24) Chloroform-d	7.65	84	333385	27.34	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.36%
26) 1,2-Dichloroethane-d4	8.31	65	169264	27.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.68%
29) Benzene-d6	8.27	84	667832	27.31	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.24%
33) 1,2-Dichloropropane-d6	9.27	67	185361	27.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.64%
37) Toluene-d8	10.32	98	635006	27.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	110.16%
38) trans-1,3-Dichloropropene-	10.58	79	86666	28.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	113.68%
39) 2-Hexanone-d5	10.93	63	73604	62.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.72%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	173194	29.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	236823	27.46	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.84%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	130603	24.925	ug/L	96
3) Chloromethane	2.21	50	112478	23.651	ug/L	98
5) Vinyl chloride	2.37	62	171816	24.633	ug/L	99
6) Bromomethane	2.78	94	115582	23.962	ug/L	100
8) Chloroethane	2.93	64	103636	24.625	ug/L	98
9) Trichlorofluoromethane	3.26	101	129116	22.760	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	172033	25.520	ug/L	99
12) 1,1-Dichloroethene	4.04	96	160599	24.776	ug/L	95
13) Acetone	4.12	43	54213	55.040	ug/L	99
14) Carbon disulfide	4.39	76	432097	24.495	ug/L	99
15) Methyl Acetate	4.67	43	66998	27.443	ug/L	96
16) Methylene chloride	4.92	84	164362	23.343	ug/L	97
17) Methyl tert-butyl Ether	5.43	73	208719	26.370	ug/L	99
18) trans-1,2-Dichloroethene	5.43	96	167351	24.941	ug/L	98
19) 1,1-Dichloroethane	6.22	63	270171	25.414	ug/L	99
21) 2-Butanone	7.17	43	87973	55.624	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	181123	25.530	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	88983	26.051	ug/L	95
25) Chloroform	7.68	83	296352	25.606	ug/L	100
27) 1,2-Dichloroethane	8.40	62	180835	26.073	ug/L	99
30) Cyclohexane	7.96	56	229283	25.361	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	248720	25.294	ug/L	100
32) Carbon tetrachloride	8.07	117	238971	25.186	ug/L	98
34) Benzene	8.32	78	638645	25.330	ug/L	100
35) Trichloroethene	9.09	95	174255	24.672	ug/L	99
36) Methylcyclohexane	9.34	83	285082	25.084	ug/L	99
40) 1,2-Dichloropropane	9.37	63	151832	25.761	ug/L	100
41) Bromodichloromethane	9.65	83	211983	26.005	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	246548	26.410	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	192451	52.925	ug/L	100
44) Toluene	10.39	91	719374	25.921	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	215211	26.843	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	133977	26.365	ug/L	98
47) Tetrachloroethene	10.87	164	152815	23.981	ug/L	97
49) 2-Hexanone	10.97	43	131107	59.805	ug/L	96
50) Dibromochloromethane	11.13	129	165281	26.697	ug/L	96
51) 1,2-Dibromoethane	11.24	107	131220	26.580	ug/L	99
52) Chlorobenzene	11.66	112	484355	25.804	ug/L	99
53) Ethylbenzene	11.73	91	798759	25.767	ug/L	99
54) m,p-Xylene	11.84	106	309903	25.557	ug/L	98
55) o-xylene	12.16	106	296743	25.782	ug/L	92
56) Styrene	12.18	104	508863	26.333	ug/L	99
57) Isopropylbenzene	12.46	105	823625	26.367	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	160791	27.390	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	116129	27.521	ug/L	99
62) Bromoform	12.35	173	101312	26.958	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	394295	25.890	ug/L	93
64) 1,4-Dichlorobenzene	13.58	146	389228	25.439	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	358511	26.104	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.48	75	25811	28.425	ug/L	87
67) 1,3,5-Trichlorobenzene	14.63	180	295426	26.324	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	259009	28.920	ug/L	97
69) Naphthalene	15.36	128	503156	30.529	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	230075	28.116	ug/L	97

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

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