

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112420\
 Data File : VW017468.D
 Acq On : 24 Nov 2020 13:01
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV05

Quant Time: Nov 25 01:38:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 24 12:56:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	400222	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	364852	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	195236	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	132485	25.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.64%
7) Chloroethane-d5	2.90	69	102912	23.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.68%
10) 1,1-Dichloroethene-d2	4.03	63	281807	24.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.16%
20) 2-Butanone-d5	7.09	46	62183	56.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.02%
24) Chloroform-d	7.65	84	277822	24.43	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.72%
26) 1,2-Dichloroethane-d4	8.31	65	139585	25.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.08%
29) Benzene-d6	8.27	84	537357	23.95	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.80%
33) 1,2-Dichloropropane-d6	9.28	67	148079	23.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.40%
37) Toluene-d8	10.32	98	495563	24.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.00%
38) trans-1,3-Dichloropropene-	10.58	79	69600	25.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.36%
39) 2-Hexanone-d5	10.93	63	46750	60.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.68%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	120014	26.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	178905	24.75	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	85722	22.540	ug/L 98
3) Chloromethane	2.22	50	97673	24.946	ug/L 97
5) Vinyl chloride	2.37	62	128430	26.450	ug/L 95
6) Bromomethane	2.79	94	89105	25.484	ug/L 100
8) Chloroethane	2.93	64	82152	25.182	ug/L 100
9) Trichlorofluoromethane	3.27	101	145170	26.109	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	146244	25.697	ug/L # 68
12) 1,1-Dichloroethene	4.05	96	139049	25.056	ug/L 97
13) Acetone	4.14	43	57459	53.783	ug/L 96
14) Carbon disulfide	4.39	76	405974	25.577	ug/L 98
15) Methyl Acetate	4.68	43	55463	29.824	ug/L 98
16) Methylene chloride	4.92	84	148490	24.712	ug/L 98
17) Methyl tert-butyl Ether	5.43	73	164649	27.585	ug/L 99
18) trans-1,2-Dichloroethene	5.43	96	147975	25.940	ug/L 95
19) 1,1-Dichloroethane	6.22	63	248202	25.769	ug/L 98
21) 2-Butanone	7.17	43	73369	57.388	ug/L 98
22) cis-1,2-Dichloroethene	7.17	96	152655	25.648	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	72393	26.776	ug/L	96
25) Chloroform	7.68	83	261783	25.745	ug/L	98
27) 1,2-Dichloroethane	8.40	62	163385	26.680	ug/L	99
30) Cyclohexane	7.96	56	226486	26.024	ug/L	100
31) 1,1,1-Trichloroethane	7.88	97	222156	25.727	ug/L	99
32) Carbon tetrachloride	8.07	117	218583	26.069	ug/L	100
34) Benzene	8.33	78	564029	25.721	ug/L	100
35) Trichloroethene	9.10	95	157288	25.873	ug/L	99
36) Methylcyclohexane	9.34	83	260549	25.917	ug/L	99
40) 1,2-Dichloropropane	9.37	63	133875	25.991	ug/L	100
41) Bromodichloromethane	9.65	83	186188	26.162	ug/L	97
42) cis-1,3-Dichloropropene	10.07	75	215856	27.056	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	148230	62.510	ug/L	94
44) Toluene	10.39	91	612857	25.971	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	190216	27.823	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	105132	27.241	ug/L	99
47) Tetrachloroethene	10.87	164	133455	25.765	ug/L	98
49) 2-Hexanone	10.97	43	106296	63.473	ug/L	92
50) Dibromochloromethane	11.13	129	134265	27.851	ug/L	97
51) 1,2-Dibromoethane	11.24	107	103755	28.051	ug/L	98
52) Chlorobenzene	11.66	112	394320	25.519	ug/L	97
53) Ethylbenzene	11.73	91	694131	25.944	ug/L	99
54) m,p-Xylene	11.84	106	266202	26.078	ug/L	92
55) o-xylene	12.16	106	255466	26.870	ug/L	99
56) Styrene	12.18	104	435314	27.217	ug/L	100
57) Isopropylbenzene	12.47	105	705731	27.024	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	117431	28.270	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	88256	28.785	ug/L	97
62) Bromoform	12.35	173	75894	27.422	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	322976	25.655	ug/L	96
64) 1,4-Dichlorobenzene	13.58	146	322865	25.889	ug/L	95
65) 1,2-Dichlorobenzene	13.87	146	293081	26.729	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	19321	27.368	ug/L	95
67) 1,3,5-Trichlorobenzene	14.63	180	237536	26.339	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	201421	27.628	ug/L	95
69) Naphthalene	15.36	128	337770	30.005	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	173782	28.577	ug/L	96

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

