

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052620\
 Data File : VW015469.D
 Acq On : 26 May 2020 13:03
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00G/10.0mL/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV02

Quant Time: May 27 01:00:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 27 00:58:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	367383	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	333319	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	161898	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	80723	23.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.92%
7) Chloroethane-d5	2.90	69	81790	24.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.72%
10) 1,1-Dichloroethene-d2	4.02	63	199549	24.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	97.32%
20) 2-Butanone-d5	7.08	46	58120	52.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.76%
24) Chloroform-d	7.65	84	202890	23.88	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.52%
26) 1,2-Dichloroethane-d4	8.31	65	113149	23.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.76%
29) Benzene-d6	8.27	84	386642	23.65	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.60%
33) 1,2-Dichloropropane-d6	9.27	67	119534	24.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.24%
37) Toluene-d8	10.32	98	366915	23.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.36%
38) trans-1,3-Dichloropropene-	10.58	79	55531	24.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.64%
39) 2-Hexanone-d5	10.93	63	46893	54.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.06%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	96365	25.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	131390	24.22	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.88%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	94051	28.978	ug/L 99
3) Chloromethane	2.21	50	91073	25.490	ug/L 99
5) Vinyl chloride	2.37	62	140897	26.223	ug/L 98
6) Bromomethane	2.79	94	88592	25.368	ug/L 98
8) Chloroethane	2.93	64	85863	26.252	ug/L 98
9) Trichlorofluoromethane	3.26	101	104146	27.237	ug/L 96
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	114903	25.337	ug/L 99
12) 1,1-Dichloroethene	4.04	96	114633	26.168	ug/L 87
13) Acetone	4.12	43	53249	62.665	ug/L 98
14) Carbon disulfide	4.38	76	381291	26.090	ug/L 100
15) Methyl Acetate	4.67	43	50029	27.213	ug/L 98
16) Methylene chloride	4.91	84	115402	25.594	ug/L 98
17) Methyl tert-butyl Ether	5.42	73	183028	26.328	ug/L 100
18) trans-1,2-Dichloroethene	5.43	96	121232	25.823	ug/L 97
19) 1,1-Dichloroethane	6.21	63	216881	25.684	ug/L 98
21) 2-Butanone	7.17	43	71671	54.905	ug/L 100
22) cis-1,2-Dichloroethene	7.17	96	125280	25.581	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	54479	25.797	ug/L	98
25) Chloroform	7.68	83	215846	25.386	ug/L	99
27) 1,2-Dichloroethane	8.40	62	150633	26.188	ug/L	99
30) Cyclohexane	7.95	56	215676	26.176	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	194310	26.058	ug/L	100
32) Carbon tetrachloride	8.07	117	176690	25.834	ug/L	99
34) Benzene	8.32	78	484330	25.983	ug/L	100
35) Trichloroethene	9.09	95	130242	26.012	ug/L	98
36) Methylcyclohexane	9.34	83	232814	26.071	ug/L	99
40) 1,2-Dichloropropane	9.37	63	117549	25.608	ug/L	99
41) Bromodichloromethane	9.65	83	157525	25.687	ug/L	100
42) cis-1,3-Dichloropropene	10.07	75	191356	26.050	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	149403	55.524	ug/L	100
44) Toluene	10.39	91	530997	26.147	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	170303	26.641	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	83788	26.091	ug/L	96
47) Tetrachloroethene	10.87	164	103853	26.166	ug/L	93
49) 2-Hexanone	10.97	43	106141	58.440	ug/L	99
50) Dibromochloromethane	11.13	129	101792	26.089	ug/L	97
51) 1,2-Dibromoethane	11.24	107	82538	26.771	ug/L	98
52) Chlorobenzene	11.66	112	327487	25.709	ug/L	99
53) Ethylbenzene	11.73	91	606048	25.989	ug/L	100
54) m,p-Xylene	11.84	106	227234	25.969	ug/L	100
55) o-xylene	12.16	106	215560	25.953	ug/L	97
56) Styrene	12.18	104	370690	26.119	ug/L	99
57) Isopropylbenzene	12.46	105	608561	26.302	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.71	83	101648	27.340	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	75920	26.931	ug/L	99
62) Bromoform	12.35	173	58770	26.053	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	253960	25.635	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	249348	25.687	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	227363	26.410	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	17703	27.107	ug/L	97
67) 1,3,5-Trichlorobenzene	14.63	180	182520	26.611	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	148448	26.873	ug/L	99
69) Naphthalene	15.37	128	282273	28.141	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	129367	27.527	ug/L	99

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

