

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091520\
 Data File : VW016561.D
 Acq On : 15 Sep 2020 16:07
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV03

Quant Time: Sep 16 04:37:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 16 04:36:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	614921	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	542866	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	276468	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	127572	21.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.72%
7) Chloroethane-d5	2.90	69	107922	22.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.84%
10) 1,1-Dichloroethene-d2	4.03	63	305988	22.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.96%
20) 2-Butanone-d5	7.09	46	73388	45.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.44%
24) Chloroform-d	7.65	84	279747	21.75	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.00%
26) 1,2-Dichloroethane-d4	8.31	65	148603	22.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.00%
29) Benzene-d6	8.28	84	547746	22.50	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.00%
33) 1,2-Dichloropropane-d6	9.28	67	148049	22.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.76%
37) Toluene-d8	10.33	98	530281	22.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.56%
38) trans-1,3-Dichloropropene-	10.58	79	75474	22.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.76%
39) 2-Hexanone-d5	10.93	63	57486	47.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.80%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	130602	23.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.04%
61) 1,2-Dichlorobenzene-d4	13.86	152	195398	22.12	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.48%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.03	85	183642	24.175	ug/L 98
3) Chloromethane	2.23	50	137247	24.692	ug/L 97
5) Vinyl chloride	2.37	62	198584	24.210	ug/L 98
6) Bromomethane	2.79	94	150682	24.210	ug/L 99
8) Chloroethane	2.94	64	120166	24.765	ug/L 100
9) Trichlorofluoromethane	3.28	101	202651	24.505	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.08	101	197869	24.975	ug/L 99
12) 1,1-Dichloroethene	4.05	96	192828	24.757	ug/L 98
13) Acetone	4.12	43	65732	51.710	ug/L 99
14) Carbon disulfide	4.39	76	585712	24.925	ug/L 99
15) Methyl Acetate	4.68	43	76985	26.596	ug/L 97
16) Methylene chloride	4.93	84	196180	20.685	ug/L 97
17) Methyl tert-butyl Ether	5.43	73	272728	25.564	ug/L 100
18) trans-1,2-Dichloroethene	5.43	96	202330	25.084	ug/L 98
19) 1,1-Dichloroethane	6.23	63	318595	24.977	ug/L 97
21) 2-Butanone	7.17	43	101948	47.141	ug/L 98
22) cis-1,2-Dichloroethene	7.18	96	206906	24.722	ug/L 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	101945	25.056	ug/L	96
25) Chloroform	7.68	83	347190	24.965	ug/L	99
27) 1,2-Dichloroethane	8.40	62	226485	25.381	ug/L	100
30) Cyclohexane	7.96	56	293827	24.768	ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	317876	25.072	ug/L	100
32) Carbon tetrachloride	8.07	117	310023	25.169	ug/L	99
34) Benzene	8.33	78	734201	25.233	ug/L	100
35) Trichloroethene	9.10	95	212324	25.221	ug/L	99
36) Methylcyclohexane	9.34	83	357869	25.062	ug/L	99
40) 1,2-Dichloropropane	9.37	63	170568	25.204	ug/L	100
41) Bromodichloromethane	9.65	83	255604	25.488	ug/L	97
42) cis-1,3-Dichloropropene	10.08	75	296510	25.651	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	221507	51.518	ug/L	99
44) Toluene	10.39	91	823825	25.179	ug/L	92
45) trans-1,3-Dichloropropene	10.61	75	259931	25.845	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	146427	25.684	ug/L	99
47) Tetrachloroethene	10.87	164	188873	24.846	ug/L	95
49) 2-Hexanone	10.97	43	149656	54.845	ug/L	100
50) Dibromochloromethane	11.13	129	189977	25.523	ug/L	95
51) 1,2-Dibromoethane	11.24	107	148625	26.037	ug/L	95
52) Chlorobenzene	11.66	112	548593	24.962	ug/L	97
53) Ethylbenzene	11.73	91	944142	25.417	ug/L	94
54) m,p-Xylene	11.84	106	374544	25.750	ug/L	97
55) o-xylene	12.17	106	355785	25.532	ug/L	95
56) Styrene	12.18	104	588782	25.445	ug/L	100
57) Isopropylbenzene	12.47	105	982236	25.796	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	167545	26.280	ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	123456	25.998	ug/L	100
62) Bromoform	12.35	173	120517	25.845	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	462760	25.734	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	434527	24.674	ug/L	95
65) 1,2-Dichlorobenzene	13.87	146	407705	25.374	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	31279	27.158	ug/L	93
67) 1,3,5-Trichlorobenzene	14.63	180	352278	26.786	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	288095	27.079	ug/L	97
69) Naphthalene	15.36	128	547489	29.030	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	252571	27.603	ug/L	98

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

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