

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092619\
 Data File : VW013303.D
 Acq On : 26 Sep 2019 12:44
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV06

Quant Time: Sep 26 19:09:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092619S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 26 12:57:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	501067	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	439663	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	227775	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	148736	24.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.60%
7) Chloroethane-d5	2.88	69	119529	24.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.68%
10) 1,1-Dichloroethene-d2	4.02	63	294530	25.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.16%
20) 2-Butanone-d5	7.07	46	110849	53.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.36%
24) Chloroform-d	7.65	84	288294	25.52	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.08%
26) 1,2-Dichloroethane-d4	8.30	65	157219	25.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.04%
29) Benzene-d6	8.27	84	611195	25.60	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.40%
33) 1,2-Dichloropropane-d6	9.27	67	184531	25.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.76%
37) Toluene-d8	10.32	98	584284	25.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.96%
38) trans-1,3-Dichloropropene-	10.58	79	86252	26.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.92%
39) 2-Hexanone-d5	10.92	63	87317	56.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.20%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	162855	26.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	209650	25.77	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.08%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	87720	27.973	ug/L	95
3) Chloromethane	2.21	50	108538	25.832	ug/L	98
5) Vinyl chloride	2.36	62	148265	25.515	ug/L	96
6) Bromomethane	2.77	94	94969	25.705	ug/L	97
8) Chloroethane	2.92	64	88003	24.964	ug/L	94
9) Trichlorofluoromethane	3.26	101	82973	23.038	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	139790	24.561	ug/L	97
12) 1,1-Dichloroethene	4.04	96	142770	24.717	ug/L	99
13) Acetone	4.12	43	91933	53.488	ug/L	97
14) Carbon disulfide	4.38	76	412075	25.131	ug/L	99
15) Methyl Acetate	4.67	43	87561	26.401	ug/L	99
16) Methylene chloride	4.91	84	161117	21.522	ug/L	98
17) Methyl tert-butyl Ether	5.42	73	260540	26.078	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	153618	24.872	ug/L	96
19) 1,1-Dichloroethane	6.21	63	266833	24.631	ug/L	99
21) 2-Butanone	7.16	43	128525	51.916	ug/L	99
22) cis-1,2-Dichloroethene	7.16	96	166558	24.750	ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	75623	24.972	uq/L	91
25) Chloroform	7.67	83	264591	24.853	uq/L	100
27) 1,2-Dichloroethane	8.40	62	178067	25.540	uq/L	99
30) Cyclohexane	7.95	56	266410	25.230	uq/L	100
31) 1,1,1-Trichloroethane	7.87	97	210212	24.911	uq/L	99
32) Carbon tetrachloride	8.07	117	200141	24.874	uq/L	100
34) Benzene	8.32	78	623033	25.277	uq/L	100
35) Trichloroethene	9.09	95	160834	24.837	uq/L	99
36) Methylcyclohexane	9.34	83	292293	25.339	uq/L	99
40) 1,2-Dichloropropane	9.37	63	155272	25.605	uq/L	100
41) Bromodichloromethane	9.64	83	191781	25.775	uq/L	98
42) cis-1,3-Dichloropropene	10.07	75	250268	25.836	uq/L	96
43) 4-Methyl-2-pentanone	10.21	43	245957	52.980	uq/L	100
44) Toluene	10.38	91	675763	25.181	uq/L	99
45) trans-1,3-Dichloropropene	10.60	75	203959	26.195	uq/L	95
46) 1,1,2-Trichloroethane	10.79	97	122461	25.773	uq/L	96
47) Tetrachloroethene	10.86	164	141545	24.292	uq/L	99
49) 2-Hexanone	10.97	43	176869	53.002	uq/L	98
50) Dibromochloromethane	11.13	129	141930	26.042	uq/L	94
51) 1,2-Dibromoethane	11.23	107	122201	26.178	uq/L	97
52) Chlorobenzene	11.66	112	432308	25.566	uq/L	98
53) Ethylbenzene	11.73	91	757937	25.479	uq/L	97
54) m,p-Xylene	11.84	106	287964	25.211	uq/L	98
55) o-xylene	12.16	106	275829	25.591	uq/L	99
56) Styrene	12.18	104	479000	25.919	uq/L	99
57) Isopropylbenzene	12.46	105	750845	25.762	uq/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	152951	26.129	uq/L	98
59) 1,2,3-Trichloropropane	12.77	75	112674	25.795	uq/L	99
62) Bromoform	12.35	173	92500	25.670	uq/L	98
63) 1,3-Dichlorobenzene	13.50	146	351983	25.113	uq/L	99
64) 1,4-Dichlorobenzene	13.58	146	347055	24.506	uq/L	98
65) 1,2-Dichlorobenzene	13.87	146	319982	25.091	uq/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	25003	24.895	uq/L	98
67) 1,3,5-Trichlorobenzene	14.63	180	272175	25.221	uq/L	99
68) 1,2,4-trichlorobenzene	15.13	180	221296	25.689	uq/L	99
69) Naphthalene	15.36	128	449870	27.335	uq/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	201039	25.660	uq/L	99

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

