

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080519\
 Data File : VW011706.D
 Acq On : 05 Aug 2019 13:05
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.81G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02508

Quant Time: Aug 06 04:40:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 06 04:37:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	388313	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	344980	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	168652	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	110874	20.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.12%
7) Chloroethane-d5	2.89	69	86405	21.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.76%
10) 1,1-Dichloroethene-d2	4.02	63	288231	22.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.96%
20) 2-Butanone-d5	7.07	46	92738	37.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.34%
24) Chloroform-d	7.65	84	242179	22.71	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.84%
26) 1,2-Dichloroethane-d4	8.31	65	138765	21.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.96%
29) Benzene-d6	8.27	84	477173	22.00	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.00%
33) 1,2-Dichloropropane-d6	9.27	67	157177	22.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.76%
37) Toluene-d8	10.32	98	425879	22.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.48%
38) trans-1,3-Dichloropropene-	10.58	79	65546	21.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.40%
39) 2-Hexanone-d5	10.92	63	62963	38.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.98%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	120364	20.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	139662	21.49	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.96%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	132495	30.445	ug/L	95
3) Chloromethane	2.21	50	138485	24.464	ug/L	99
5) Vinyl chloride	2.36	62	191182	26.471	ug/L	98
6) Bromomethane	2.78	94	90986	26.722	ug/L	99
8) Chloroethane	2.92	64	103735	27.463	ug/L	99
9) Trichlorofluoromethane	3.26	101	102736	27.924	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	155504	27.879	ug/L	97
12) 1,1-Dichloroethene	4.04	96	152725	27.384	ug/L	99
13) Acetone	4.12	43	113939	43.210	ug/L	94
14) Carbon disulfide	4.39	76	479432	26.394	ug/L	99
15) Methyl Acetate	4.67	43	96159	22.304	ug/L	100
16) Methylene chloride	4.92	84	164034	27.069	ug/L	97
17) Methyl tert-butyl Ether	5.42	73	247571	26.656	ug/L	100
18) trans-1,2-Dichloroethene	5.42	96	157464	27.327	ug/L	98
19) 1,1-Dichloroethane	6.21	63	321732	27.950	ug/L	98
21) 2-Butanone	7.17	43	151090	45.701	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	167035	27.708	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	69150	26.960	ug/L	98
25) Chloroform	7.67	83	293197	27.635	ug/L	99
27) 1,2-Dichloroethane	8.40	62	213134	27.136	ug/L	98
30) Cyclohexane	7.95	56	331284	27.626	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	234714	27.923	ug/L	100
32) Carbon tetrachloride	8.07	117	221092	27.958	ug/L	100
34) Benzene	8.32	78	666662	27.576	ug/L	100
35) Trichloroethene	9.09	95	168575	27.467	ug/L	100
36) Methylcyclohexane	9.34	83	312098	28.031	ug/L	99
40) 1,2-Dichloropropane	9.37	63	179907	27.879	ug/L	100
41) Bromodichloromethane	9.64	83	214142	28.121	ug/L	100
42) cis-1,3-Dichloropropene	10.07	75	268919	27.861	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	279761	47.849	ug/L	100
44) Toluene	10.38	91	693148	28.221	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	219943	27.388	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	115045	26.149	ug/L	99
47) Tetrachloroethene	10.86	164	129489	27.622	ug/L	96
49) 2-Hexanone	10.97	43	211069	46.856	ug/L	98
50) Dibromochloromethane	11.13	129	135102	27.860	ug/L	98
51) 1,2-Dibromoethane	11.24	107	110371	25.781	ug/L	100
52) Chlorobenzene	11.66	112	410249	27.685	ug/L	99
53) Ethylbenzene	11.73	91	779264	28.450	ug/L	99
54) m,p-Xylene	11.84	106	284318	28.546	ug/L	97
55) o-xylene	12.16	106	266490	28.430	ug/L	99
56) Styrene	12.18	104	454814	28.540	ug/L	97
57) Isopropylbenzene	12.46	105	738878	28.653	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	147088	25.158	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	109829	24.356	ug/L	99
62) Bromoform	12.35	173	75585	25.050	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	314765	27.498	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	313588	27.280	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	283858	27.386	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.48	75	24278	22.631	ug/L	96
67) 1,3,5-Trichlorobenzene	14.63	180	239453	28.421	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	197390	29.091	ug/L	99
69) Naphthalene	15.37	128	359429	26.305	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	173735	27.646	ug/L	97

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

