

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080119\
 Data File : VW011609.D
 Acq On : 01 Aug 2019 19:19
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02528

Quant Time: Aug 02 04:35:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 02 04:30:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	368620	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	328056	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	159612	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	107542	20.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.88%
7) Chloroethane-d5	2.89	69	82260	22.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.00%
10) 1,1-Dichloroethene-d2	4.02	63	267832	22.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.04%
20) 2-Butanone-d5	7.07	46	122394	52.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.74%
24) Chloroform-d	7.65	84	237780	23.49	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.96%
26) 1,2-Dichloroethane-d4	8.31	65	144203	24.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.28%
29) Benzene-d6	8.27	84	474097	22.98	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.92%
33) 1,2-Dichloropropane-d6	9.27	67	157016	23.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.32%
37) Toluene-d8	10.32	98	425365	23.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.92%
38) trans-1,3-Dichloropropene-	10.58	79	66474	22.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.08%
39) 2-Hexanone-d5	10.92	63	81263	52.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.48%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	137390	24.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	143526	23.33	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.32%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	101672	24.611	ug/L 99
3) Chloromethane	2.21	50	122015	22.706	ug/L 99
5) Vinyl chloride	2.36	62	157805	23.017	ug/L 99
6) Bromomethane	2.78	94	75960	23.501	ug/L 98
8) Chloroethane	2.92	64	85738	23.911	ug/L 96
9) Trichlorofluoromethane	3.25	101	76264	21.836	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	131212	24.781	ug/L 97
12) 1,1-Dichloroethene	4.04	96	128561	24.283	ug/L 97
13) Acetone	4.12	43	107025	42.756	ug/L 97
14) Carbon disulfide	4.39	76	409109	23.725	ug/L 99
15) Methyl Acetate	4.66	43	106805	26.097	ug/L 100
16) Methylene chloride	4.92	84	142415	24.757	ug/L 99
17) Methyl tert-butyl Ether	5.42	73	215427	24.434	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	134891	24.660	ug/L 99
19) 1,1-Dichloroethane	6.21	63	273411	25.021	ug/L 99
21) 2-Butanone	7.17	43	159181	50.721	ug/L 100
22) cis-1,2-Dichloroethene	7.17	96	143213	25.026	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	60077	24.674	ug/L	99
25) Chloroform	7.67	83	251720	24.993	ug/L	99
27) 1,2-Dichloroethane	8.40	62	190207	25.511	ug/L	97
30) Cyclohexane	7.95	56	280429	24.592	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	197836	24.750	ug/L	99
32) Carbon tetrachloride	8.07	117	185833	24.712	ug/L	100
34) Benzene	8.32	78	571796	24.872	ug/L	100
35) Trichloroethene	9.09	95	145297	24.896	ug/L	99
36) Methylcyclohexane	9.34	83	258088	24.376	ug/L	99
40) 1,2-Dichloropropane	9.37	63	155631	25.362	ug/L	100
41) Bromodichloromethane	9.65	83	185330	25.593	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	234355	25.532	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	303582	54.601	ug/L	100
44) Toluene	10.38	91	595379	25.491	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	195003	25.535	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	106475	25.449	ug/L	98
47) Tetrachloroethene	10.86	164	110575	24.805	ug/L	94
49) 2-Hexanone	10.97	43	217954	50.881	ug/L	99
50) Dibromochloromethane	11.13	129	119967	26.015	ug/L	98
51) 1,2-Dibromoethane	11.23	107	104000	25.546	ug/L	99
52) Chlorobenzene	11.66	112	352698	25.029	ug/L	99
53) Ethylbenzene	11.73	91	664680	25.519	ug/L	100
54) m,p-Xylene	11.84	106	243537	25.713	ug/L	97
55) o-xylene	12.16	106	229771	25.778	ug/L	98
56) Styrene	12.18	104	400484	26.427	ug/L	99
57) Isopropylbenzene	12.46	105	629724	25.680	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	146300	26.314	ug/L	96
59) 1,2,3-Trichloropropane	12.77	75	111928	26.102	ug/L	99
62) Bromoform	12.35	173	72316	25.324	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	268965	24.828	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	270351	24.851	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	246029	25.081	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	26186	25.792	ug/L	94
67) 1,3,5-Trichlorobenzene	14.63	180	197656	24.789	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	163860	25.517	ug/L	97
69) Naphthalene	15.37	128	336638	26.032	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	147747	24.842	ug/L	100

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

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