

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073019\
 Data File : VW011580.D
 Acq On : 30 Jul 2019 17:26
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02524

Quant Time: Jul 31 03:02:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 31 02:59:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	394496	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	346448	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	168492	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	145305	26.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.64%
7) Chloroethane-d5	2.89	69	107412	26.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.40%
10) 1,1-Dichloroethene-d2	4.02	63	331151	26.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	104.00%
20) 2-Butanone-d5	7.07	46	120262	48.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.16%
24) Chloroform-d	7.65	84	280760	25.91	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.64%
26) 1,2-Dichloroethane-d4	8.31	65	164749	25.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.76%
29) Benzene-d6	8.27	84	569899	26.16	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.64%
33) 1,2-Dichloropropane-d6	9.27	67	185224	26.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.36%
37) Toluene-d8	10.32	98	511143	26.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.76%
38) trans-1,3-Dichloropropene-	10.58	79	80363	26.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.28%
39) 2-Hexanone-d5	10.92	63	81946	49.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	147196	25.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	166113	25.58	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.32%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	118916	26.897 ug/L	100
3) Chloromethane	2.21	50	133034	23.133 ug/L	98
5) Vinyl chloride	2.36	62	176103	24.001 ug/L	99
6) Bromomethane	2.78	94	84768	24.506 ug/L	99
8) Chloroethane	2.92	64	93385	24.335 ug/L	98
9) Trichlorofluoromethane	3.26	101	88971	23.804 ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	137280	24.226 ug/L	98
12) 1,1-Dichloroethene	4.04	96	137487	24.265 ug/L	86
13) Acetone	4.11	43	143367	53.518 ug/L	98
14) Carbon disulfide	4.39	76	441625	23.931 ug/L	99
15) Methyl Acetate	4.67	43	96232	21.971 ug/L	100
16) Methylene chloride	4.91	84	142349	23.123 ug/L	99
17) Methyl tert-butyl Ether	5.42	73	220435	23.362 ug/L	100
18) trans-1,2-Dichloroethene	5.42	96	141239	24.127 ug/L	98
19) 1,1-Dichloroethane	6.21	63	283891	24.276 ug/L	100
21) 2-Butanone	7.17	43	164389	48.945 ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	148894	24.312 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	61514	23.607	ug/L	98
25) Chloroform	7.67	83	258393	23.973	ug/L	99
27) 1,2-Dichloroethane	8.40	62	190527	23.878	ug/L	99
30) Cyclohexane	7.95	56	295891	24.570	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	205209	24.309	ug/L	99
32) Carbon tetrachloride	8.07	117	193509	24.366	ug/L	99
34) Benzene	8.32	78	595473	24.527	ug/L	100
35) Trichloroethene	9.09	95	149440	24.246	ug/L	100
36) Methylcyclohexane	9.34	83	270778	24.217	ug/L	100
40) 1,2-Dichloropropane	9.37	63	159436	24.602	ug/L	100
41) Bromodichloromethane	9.65	83	186068	24.331	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	241311	24.895	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	279992	47.685	ug/L	100
44) Toluene	10.38	91	610003	24.731	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	198037	24.555	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	104944	23.752	ug/L	98
47) Tetrachloroethene	10.86	164	113377	24.083	ug/L	94
49) 2-Hexanone	10.97	43	227015	50.183	ug/L	98
50) Dibromochloromethane	11.13	129	119991	24.639	ug/L	94
51) 1,2-Dibromoethane	11.23	107	101163	23.530	ug/L	99
52) Chlorobenzene	11.66	112	361210	24.273	ug/L	99
53) Ethylbenzene	11.73	91	681739	24.784	ug/L	99
54) m,p-Xylene	11.84	106	247329	24.727	ug/L	96
55) o-xylene	12.16	106	233293	24.783	ug/L	97
56) Styrene	12.18	104	404781	25.293	ug/L	99
57) Isopropylbenzene	12.46	105	644963	24.905	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	136780	23.295	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	104817	23.146	ug/L	99
62) Bromoform	12.35	173	68469	22.713	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	272402	23.820	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	272713	23.747	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	248597	24.007	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	23345	21.782	ug/L	95
67) 1,3,5-Trichlorobenzene	14.63	180	202542	24.063	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	168411	24.844	ug/L	99
69) Naphthalene	15.36	128	328659	24.076	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	150535	23.977	ug/L	98

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

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