

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111418\
 Data File : VW006880.D
 Acq On : 14 Nov 2018 20:12
 Operator : SY/AP
 Sample : VSTDICV025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV87

Quant Time: Nov 15 03:36:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 15 03:33:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	165603	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	158972	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	75926	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	39501	26.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.48%
7) Chloroethane-d5	2.89	69	28779	26.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.76%
10) 1,1-Dichloroethene-d2	4.02	63	95645	24.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	97.40%
20) 2-Butanone-d5	7.09	46	41202	50.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.70%
24) Chloroform-d	7.65	84	92721	25.29	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.16%
26) 1,2-Dichloroethane-d4	8.31	65	52999	25.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.44%
29) Benzene-d6	8.28	84	199591	24.02	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.08%
33) 1,2-Dichloropropane-d6	9.27	67	61350	24.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.48%
37) Toluene-d8	10.33	98	207824	24.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.68%
38) trans-1,3-Dichloropropene-	10.58	79	27900	25.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.12%
39) 2-Hexanone-d5	10.93	63	34711	54.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.54%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	57854	26.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.12%
61) 1,2-Dichlorobenzene-d4	13.86	152	72343	25.16	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.64%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.00	85	55353	23.967	ug/L	100
3) Chloromethane	2.21	50	43336	24.040	ug/L	96
5) Vinyl chloride	2.35	62	44369	24.197	ug/L	99
6) Bromomethane	2.78	94	20921	25.378	ug/L	99
8) Chloroethane	2.92	64	23407	23.688	ug/L	95
9) Trichlorofluoromethane	3.26	101	77458	23.767	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	51593	23.666	ug/L	99
12) 1,1-Dichloroethene	4.04	96	44657	23.604	ug/L	98
13) Acetone	4.14	43	25542	48.932	ug/L	98
14) Carbon disulfide	4.39	76	161950	23.779	ug/L	99
15) Methyl Acetate	4.68	43	33376	26.258	ug/L	98
16) Methylene chloride	4.92	84	61291	21.165	ug/L	98
17) Methyl tert-butyl Ether	5.43	73	136454	26.786	ug/L	99
18) trans-1,2-Dichloroethene	5.43	96	51212	23.710	ug/L	99
19) 1,1-Dichloroethane	6.22	63	86231	24.457	ug/L	97
21) 2-Butanone	7.18	43	44393	49.291	ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	54600	24.756	ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	23232	25.843	ug/L	96
25) Chloroform	7.68	83	96572	23.689	ug/L	99
27) 1,2-Dichloroethane	8.40	62	62295	25.986	ug/L	98
30) Cyclohexane	7.96	56	96831	22.974	ug/L	98
31) 1,1,1-Trichloroethane	7.88	97	82366	23.282	ug/L	99
32) Carbon tetrachloride	8.07	117	72829	23.422	ug/L	99
34) Benzene	8.33	78	210470	23.674	ug/L	100
35) Trichloroethene	9.09	95	57506	23.748	ug/L	100
36) Methylcyclohexane	9.34	83	105849	22.741	ug/L	98
40) 1,2-Dichloropropane	9.37	63	52829	24.120	ug/L	99
41) Bromodichloromethane	9.65	83	67806	25.234	ug/L	97
42) cis-1,3-Dichloropropene	10.07	75	83716	25.315	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	91436	53.276	ug/L	100
44) Toluene	10.39	91	247044	24.269	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	73031	26.133	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	41988	25.038	ug/L	98
47) Tetrachloroethene	10.87	164	44927	24.264	ug/L	93
49) 2-Hexanone	10.97	43	68486	53.896	ug/L	99
50) Dibromochloromethane	11.13	129	46824	25.875	ug/L	98
51) 1,2-Dibromoethane	11.24	107	41137	25.793	ug/L	99
52) Chlorobenzene	11.66	112	160107	25.007	ug/L	100
53) Ethylbenzene	11.73	91	288353	23.801	ug/L	98
54) m,p-Xylene	11.85	106	110914	23.937	ug/L	98
55) o-xylene	12.17	106	105748	24.915	ug/L	95
56) Styrene	12.18	104	176664	25.110	ug/L	98
57) Isopropylbenzene	12.47	105	283459	23.856	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	56774	26.685	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	44470	26.839	ug/L	98
62) Bromoform	12.35	173	26270	27.571	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	123732	25.138	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	122121	24.855	ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	113111	25.552	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	11242	27.394	ug/L	95
67) 1,3,5-Trichlorobenzene	14.63	180	82802	24.756	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	69949	25.662	ug/L	99
69) Naphthalene	15.38	128	172935	26.467	ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	62793	25.912	ug/L	100

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

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