

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100918\
 Data File : VW005941.D
 Acq On : 09 Oct 2018 14:34
 Operator : SY/AP
 Sample : VSTDICV025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV99

Quant Time: Oct 10 07:54:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 10 07:48:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	377928	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	350450	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	191822	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	96370	22.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.44%
7) Chloroethane-d5	2.89	69	90635	24.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.84%
10) 1,1-Dichloroethene-d2	4.01	63	198572	24.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	97.04%
20) 2-Butanone-d5	7.09	46	70796	50.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.22%
24) Chloroform-d	7.65	84	205841	25.14	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.56%
26) 1,2-Dichloroethane-d4	8.31	65	116866	25.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.20%
29) Benzene-d6	8.27	84	405289	25.47	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.88%
33) 1,2-Dichloropropane-d6	9.27	67	121033	25.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.80%
37) Toluene-d8	10.33	98	402852	25.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.28%
38) trans-1,3-Dichloropropene-	10.58	79	59660	25.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.24%
39) 2-Hexanone-d5	10.93	63	61371	52.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	122926	26.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.32%
61) 1,2-Dichlorobenzene-d4	13.86	152	169969	25.85	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	98184	27.487	ug/L	97
3) Chloromethane	2.21	50	85996	24.515	ug/L	99
5) Vinyl chloride	2.37	62	139405	24.657	ug/L	98
6) Bromomethane	2.79	94	105221	23.901	ug/L	98
8) Chloroethane	2.93	64	86560	24.978	ug/L	99
9) Trichlorofluoromethane	3.26	101	106745	23.600	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	114677	25.359	ug/L	98
12) 1,1-Dichloroethene	4.03	96	107665	24.813	ug/L	91
13) Acetone	4.14	43	69572	48.745	ug/L	99
14) Carbon disulfide	4.37	76	349141	24.614	ug/L	99
15) Methyl Acetate	4.68	43	57523	24.882	ug/L	100
16) Methylene chloride	4.92	84	108625	22.262	ug/L	99
17) Methyl tert-butyl Ether	5.43	73	172471	24.419	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	116076	24.163	ug/L	95
19) 1,1-Dichloroethane	6.21	63	188658	24.268	ug/L	99
21) 2-Butanone	7.18	43	89604	47.247	ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	125981	24.042	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	59016	23.945	ug/L	92
25) Chloroform	7.68	83	203014	24.261	ug/L	100
27) 1,2-Dichloroethane	8.40	62	139019	24.373	ug/L	97
30) Cyclohexane	7.96	56	189080	24.548	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	181186	24.707	ug/L	98
32) Carbon tetrachloride	8.07	117	178299	24.792	ug/L	100
34) Benzene	8.32	78	439758	24.444	ug/L	100
35) Trichloroethene	9.09	95	124622	24.620	ug/L	99
36) Methylcyclohexane	9.34	83	227361	24.515	ug/L	100
40) 1,2-Dichloropropane	9.37	63	109158	24.459	ug/L	100
41) Bromodichloromethane	9.65	83	148693	24.673	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	179019	24.559	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	172235	48.162	ug/L	99
44) Toluene	10.39	91	492262	24.369	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	158859	24.950	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	91091	24.511	ug/L	97
47) Tetrachloroethene	10.87	164	115096	24.564	ug/L	96
49) 2-Hexanone	10.97	43	133874	50.795	ug/L	100
50) Dibromochloromethane	11.13	129	117530	24.673	ug/L	98
51) 1,2-Dibromoethane	11.24	107	96104	24.843	ug/L	99
52) Chlorobenzene	11.66	112	330891	24.205	ug/L	99
53) Ethylbenzene	11.73	91	573521	24.387	ug/L	100
54) m,p-Xylene	11.84	106	225517	24.464	ug/L	99
55) o-xylene	12.17	106	216170	24.560	ug/L	99
56) Styrene	12.18	104	369958	24.408	ug/L	98
57) Isopropylbenzene	12.47	105	595967	24.335	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	120841	25.021	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	90177	25.026	ug/L	100
62) Bromoform	12.35	173	81053	25.218	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	288817	24.518	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	287700	24.253	ug/L	98
65) 1,2-Dichlorobenzene	13.88	146	267747	24.707	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	22406	25.687	ug/L	91
67) 1,3,5-Trichlorobenzene	14.63	180	234671	24.714	ug/L	100
68) 1,2,4-trichlorobenzene	15.14	180	203404	25.122	ug/L	100
69) Naphthalene	15.38	128	423176	25.814	ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	183941	25.287	ug/L	99

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

