

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100118\
 Data File : VW005765.D
 Acq On : 02 Oct 2018 05:23
 Operator : SY/AP
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02585

Quant Time: Oct 02 07:21:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 02 07:19:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	269458	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	255978	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	134069	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	82061	23.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.56%
7) Chloroethane-d5	2.90	69	66521	24.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.28%
10) 1,1-Dichloroethene-d2	4.02	63	181589	24.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.84%
20) 2-Butanone-d5	7.09	46	72675	65.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.80%
24) Chloroform-d	7.65	84	189541	27.38	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.52%
26) 1,2-Dichloroethane-d4	8.31	65	115863	27.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.56%
29) Benzene-d6	8.28	84	360003	28.41	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	113.64%
33) 1,2-Dichloropropane-d6	9.28	67	108946	29.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	118.96%
37) Toluene-d8	10.33	98	340473	27.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.88%
38) trans-1,3-Dichloropropene-	10.59	79	50172	26.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.32%
39) 2-Hexanone-d5	10.93	63	58976	68.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	137.52%#
48) 1,1,2,2-Tetrachloroethane-	12.70	84	111363	31.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	125.20%#
61) 1,2-Dichlorobenzene-d4	13.86	152	133873	28.22	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.88%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	65396	20.697	ug/L	93
3) Chloromethane	2.21	50	55642	18.905	ug/L	97
5) Vinyl chloride	2.37	62	97391	22.948	ug/L	98
6) Bromomethane	2.79	94	55274	21.647	ug/L	98
8) Chloroethane	2.93	64	55778	23.638	ug/L	97
9) Trichlorofluoromethane	3.26	101	64089	19.764	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	93073	25.408	ug/L	98
12) 1,1-Dichloroethene	4.03	96	82123	23.473	ug/L #	77
13) Acetone	4.14	43	49749	43.321	ug/L	69
14) Carbon disulfide	4.38	76	240420	21.917	ug/L	99
15) Methyl Acetate	4.68	43	55236	27.103	ug/L	98
16) Methylene chloride	4.92	84	94867	21.352	ug/L	96
17) Methyl tert-butyl Ether	5.43	73	132595	23.819	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	84728	23.547	ug/L	97
19) 1,1-Dichloroethane	6.22	63	161891	24.315	ug/L	100
21) 2-Butanone	7.18	43	73851	53.698	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	94036	24.043	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	44597	24.568	ug/L	98
25) Chloroform	7.68	83	174844	24.544	ug/L	100
27) 1,2-Dichloroethane	8.41	62	129763	24.741	ug/L	97
30) Cyclohexane	7.96	56	145122	25.014	ug/L	97
31) 1,1,1-Trichloroethane	7.88	97	151401	24.153	ug/L	100
32) Carbon tetrachloride	8.07	117	146970	24.076	ug/L	100
34) Benzene	8.33	78	366432	25.335	ug/L	100
35) Trichloroethene	9.10	95	95554	24.695	ug/L	99
36) Methylcyclohexane	9.34	83	166390	24.729	ug/L	98
40) 1,2-Dichloropropane	9.37	63	93097	26.412	ug/L	100
41) Bromodichloromethane	9.65	83	125757	25.376	ug/L	99
42) cis-1,3-Dichloropropene	10.08	75	137854	23.682	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	156361	54.358	ug/L	100
44) Toluene	10.39	91	398840	24.676	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	129925	23.971	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	75329	25.611	ug/L	97
47) Tetrachloroethene	10.87	164	82025	24.061	ug/L	97
49) 2-Hexanone	10.98	43	115220	57.064	ug/L	100
50) Dibromochloromethane	11.13	129	93537	25.357	ug/L	96
51) 1,2-Dibromoethane	11.24	107	72874	25.627	ug/L	94
52) Chlorobenzene	11.66	112	253362	23.828	ug/L	99
53) Ethylbenzene	11.74	91	456474	24.666	ug/L	99
54) m,p-Xylene	11.85	106	171724	24.630	ug/L	97
55) o-xylene	12.17	106	162848	24.781	ug/L	98
56) Styrene	12.19	104	293172	25.421	ug/L	99
57) Isopropylbenzene	12.47	105	465689	24.810	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	102208	27.240	ug/L	95
59) 1,2,3-Trichloropropane	12.77	75	82913	27.222	ug/L	100
62) Bromoform	12.35	173	63311	26.556	ug/L	98
63) 1,3-Dichlorobenzene	13.51	146	207030	24.311	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	213192	23.972	ug/L	98
65) 1,2-Dichlorobenzene	13.88	146	205253	25.048	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	19933	25.584	ug/L	99
67) 1,3,5-Trichlorobenzene	14.64	180	164560	23.544	ug/L	100
68) 1,2,4-trichlorobenzene	15.14	180	137734	23.989	ug/L	99
69) Naphthalene	15.38	128	308831	26.844	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	134592	25.012	ug/L	100

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

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