

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100518\
 Data File : VW005864.D
 Acq On : 04 Oct 2018 20:11
 Operator : SY/AP
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02593

Quant Time: Oct 05 01:17:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 05 01:16:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	285459	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	266579	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	144291	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	70930	19.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.96%
7) Chloroethane-d5	2.90	69	58218	20.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.04%
10) 1,1-Dichloroethene-d2	4.02	63	167789	21.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.48%
20) 2-Butanone-d5	7.09	46	81460	69.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	139.46%#
24) Chloroform-d	7.65	84	177354	24.18	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.72%
26) 1,2-Dichloroethane-d4	8.31	65	109306	24.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.44%
29) Benzene-d6	8.27	84	336025	25.46	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.84%
33) 1,2-Dichloropropane-d6	9.28	67	102002	26.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.96%
37) Toluene-d8	10.33	98	314195	24.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.48%
38) trans-1,3-Dichloropropene-	10.58	79	48028	23.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.92%
39) 2-Hexanone-d5	10.93	63	63993	71.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	143.28%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	112744	30.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	121.72%#
61) 1,2-Dichlorobenzene-d4	13.86	152	128148	25.10	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	76894	22.972	ug/L 94
3) Chloromethane	2.21	50	65049	20.862	ug/L 99
5) Vinyl chloride	2.37	62	101002	22.465	ug/L 98
6) Bromomethane	2.79	94	57048	21.090	ug/L 98
8) Chloroethane	2.93	64	56365	22.548	ug/L 93
9) Trichlorofluoromethane	3.26	101	64871	18.884	ug/L 98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	95241	24.542	ug/L 100
12) 1,1-Dichloroethene	4.03	96	86441	23.322	ug/L 90
13) Acetone	4.12	43	65068	53.484	ug/L 70
14) Carbon disulfide	4.38	76	240642	20.707	ug/L 98
15) Methyl Acetate	4.67	43	64344	29.802	ug/L 97
16) Methylene chloride	4.91	84	96564	20.516	ug/L 97
17) Methyl tert-butyl Ether	5.43	73	144990	24.586	ug/L 98
18) trans-1,2-Dichloroethene	5.42	96	90748	23.807	ug/L 98
19) 1,1-Dichloroethane	6.21	63	173495	24.597	ug/L 97
21) 2-Butanone	7.18	43	90504	62.118	ug/L 100
22) cis-1,2-Dichloroethene	7.17	96	102994	24.857	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	47991	24.956	ug/L	96
25) Chloroform	7.68	83	185400	24.567	ug/L	100
27) 1,2-Dichloroethane	8.40	62	137033	24.662	ug/L	98
30) Cyclohexane	7.96	56	150703	24.943	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	158892	24.340	ug/L	100
32) Carbon tetrachloride	8.07	117	152652	24.013	ug/L	99
34) Benzene	8.32	78	391650	26.001	ug/L	100
35) Trichloroethene	9.09	95	103026	25.567	ug/L	100
36) Methylcyclohexane	9.34	83	173321	24.735	ug/L	99
40) 1,2-Dichloropropane	9.37	63	98348	26.792	ug/L	100
41) Bromodichloromethane	9.65	83	132911	25.753	ug/L	94
42) cis-1,3-Dichloropropene	10.07	75	154933	25.558	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	186695	62.323	ug/L	98
44) Toluene	10.39	91	425437	25.275	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	145597	25.794	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	82880	27.057	ug/L	98
47) Tetrachloroethene	10.87	164	87200	24.562	ug/L	95
49) 2-Hexanone	10.98	43	140416	66.777	ug/L	99
50) Dibromochloromethane	11.13	129	101260	26.359	ug/L	95
51) 1,2-Dibromoethane	11.24	107	79642	26.893	ug/L	95
52) Chlorobenzene	11.66	112	278347	25.136	ug/L	97
53) Ethylbenzene	11.74	91	491569	25.506	ug/L	100
54) m,p-Xylene	11.85	106	185526	25.551	ug/L	96
55) o-xylene	12.17	106	175972	25.713	ug/L	99
56) Styrene	12.18	104	312971	26.059	ug/L	94
57) Isopropylbenzene	12.47	105	506433	25.907	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	115284	29.503	ug/L	96
59) 1,2,3-Trichloropropane	12.77	75	93171	29.373	ug/L	98
62) Bromoform	12.35	173	68779	26.806	ug/L	98
63) 1,3-Dichlorobenzene	13.51	146	229915	25.085	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	237344	24.797	ug/L	97
65) 1,2-Dichlorobenzene	13.88	146	224001	25.400	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	24184	28.841	ug/L	90
67) 1,3,5-Trichlorobenzene	14.63	180	188251	25.026	ug/L	98
68) 1,2,4-trichlorobenzene	15.14	180	158381	25.631	ug/L	98
69) Naphthalene	15.38	128	359849	29.063	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	151191	26.106	ug/L	100

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

