

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091518\
 Data File : VW005398.D
 Acq On : 14 Sep 2018 19:53
 Operator : SY/AP
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02590

Quant Time: Sep 14 23:18:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091318S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 14 23:16:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	300076	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	294230	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	155758	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	83891	24.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.88%
7) Chloroethane-d5	2.89	69	66620	27.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.84%
10) 1,1-Dichloroethene-d2	4.03	63	159181	25.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	102.96%
20) 2-Butanone-d5	7.10	46	53691	41.16	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.32%
24) Chloroform-d	7.65	84	171008	30.56	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	122.24%
26) 1,2-Dichloroethane-d4	8.31	65	106177	29.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	118.64%
29) Benzene-d6	8.28	84	340098	28.79	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	115.16%
33) 1,2-Dichloropropane-d6	9.28	67	98694	29.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.08%
37) Toluene-d8	10.33	98	355300	29.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	118.76%
38) trans-1,3-Dichloropropene-	10.58	79	49398	29.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	117.12%
39) 2-Hexanone-d5	10.93	63	45267	43.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	93964	26.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.60%
61) 1,2-Dichlorobenzene-d4	13.86	152	133703	28.60	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.40%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	2.00	85	154556	24.99	ug/L	100
3) Chloromethane	2.21	50	134560	23.62	ug/L	100
5) Vinyl chloride	2.36	62	129403	23.85	ug/L	99
6) Bromomethane	2.78	94	72435	25.76	ug/L	97
8) Chloroethane	2.92	64	71781	24.90	ug/L	98
9) Trichlorofluoromethane	3.26	101	173918	24.61	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	95531	24.74	ug/L	98
12) 1,1-Dichloroethene	4.04	96	79555	24.36	ug/L	87
13) Acetone	4.15	43	42870	35.01	ug/L	97
14) Carbon disulfide	4.39	76	290305	22.64	ug/L	99
15) Methyl Acetate	4.68	43	47347	17.52	ug/L	97
16) Methylene chloride	4.92	84	114455	20.09	ug/L	98
17) Methyl tert-butyl Ether	5.44	73	214924	23.71	ug/L	100
18) trans-1,2-Dichloroethene	5.43	96	91631	25.13	ug/L	96
19) 1,1-Dichloroethane	6.23	63	170139	25.53	ug/L	98
21) 2-Butanone	7.19	43	61542	32.79	ug/L	94
22) cis-1,2-Dichloroethene	7.18	96	97317	25.01	ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	44632	24.61	ug/L	92
25) Chloroform	7.68	83	179338	25.59	ug/L	99
27) 1,2-Dichloroethane	8.41	62	134482	24.72	ug/L	97
30) Cyclohexane	7.96	56	162312	24.43	ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	168185	25.14	ug/L	99
32) Carbon tetrachloride	8.07	117	153049	24.66	ug/L	100
34) Benzene	8.33	78	412295	25.15	ug/L	100
35) Trichloroethene	9.10	95	105830	24.32	ug/L	99
36) Methylcyclohexane	9.34	83	178880	23.69	ug/L	99
40) 1,2-Dichloropropane	9.38	63	100738	24.89	ug/L	99
41) Bromodichloromethane	9.65	83	128132	24.70	ug/L	99
42) cis-1,3-Dichloropropene	10.08	75	152669	25.54	ug/L	100
43) 4-Methyl-2-pentanone	10.22	43	139839	36.14	ug/L	100
44) Toluene	10.40	91	479085	25.51	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	140172	25.03	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	75993	23.92	ug/L	96
47) Tetrachloroethene	10.87	164	95112	24.14	ug/L	99
49) 2-Hexanone	10.98	43	108575	38.17	ug/L	98
50) Dibromochloromethane	11.13	129	93487	24.64	ug/L	98
51) 1,2-Dibromoethane	11.24	107	70359	22.57	ug/L	99
52) Chlorobenzene	11.66	112	304867	24.87	ug/L	97
53) Ethylbenzene	11.74	91	546019	25.00	ug/L	98
54) m,p-Xylene	11.85	106	209339	25.59	ug/L	99
55) o-xylene	12.17	106	195815	25.49	ug/L	98
56) Styrene	12.19	104	344618	26.00	ug/L	99
57) Isopropylbenzene	12.47	105	540156	25.32	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	92628	21.21	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	75713	20.28	ug/L	100
62) Bromoform	12.35	173	58334	22.35	ug/L	98
63) 1,3-Dichlorobenzene	13.51	146	240736	24.31	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	250442	24.50	ug/L	94
65) 1,2-Dichlorobenzene	13.88	146	230910	24.35	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.49	75	18271	17.76	ug/L	92
67) 1,3,5-Trichlorobenzene	14.63	180	188997	24.10	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	153353	23.66	ug/L	99
69) Naphthalene	15.38	128	290557	20.46	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	142653	23.42	ug/L	100

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

