

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091418\
 Data File : VW005359.D
 Acq On : 13 Sep 2018 19:15
 Operator : SY/AP
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02587

Quant Time: Sep 14 06:00:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091318S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 14 05:03:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	312895	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	307249	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	163812	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	79500	22.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.04%
7) Chloroethane-d5	2.89	69	61974	24.27	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.08%
10) 1,1-Dichloroethene-d2	4.03	63	153905	23.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.48%
20) 2-Butanone-d5	7.10	46	54436	40.02	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.04%
24) Chloroform-d	7.66	84	153720	26.34	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.36%
26) 1,2-Dichloroethane-d4	8.31	65	94758	25.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.56%
29) Benzene-d6	8.28	84	306928	24.88	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.52%
33) 1,2-Dichloropropane-d6	9.28	67	89274	25.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.44%
37) Toluene-d8	10.33	98	326061	26.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.36%
38) trans-1,3-Dichloropropene-	10.59	79	45654	25.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.64%
39) 2-Hexanone-d5	10.93	63	47532	43.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.70%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	87751	23.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.32%
61) 1,2-Dichlorobenzene-d4	13.86	152	126271	25.68	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.72%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	2.00	85	157653	24.44	ug/L	100
3) Chloromethane	2.21	50	137682	23.18	ug/L	99
5) Vinyl chloride	2.36	62	134082	23.70	ug/L	99
6) Bromomethane	2.78	94	74493	25.41	ug/L	99
8) Chloroethane	2.92	64	72447	24.10	ug/L	96
9) Trichlorofluoromethane	3.26	101	172675	23.43	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	96183	23.89	ug/L	99
12) 1,1-Dichloroethene	4.05	96	83039	24.39	ug/L	94
13) Acetone	4.15	43	42789	33.51	ug/L	99
14) Carbon disulfide	4.38	76	309020	23.12	ug/L	98
15) Methyl Acetate	4.69	43	52865	18.76	ug/L #	81
16) Methylene chloride	4.93	84	109007	18.35	ug/L	98
17) Methyl tert-butyl Ether	5.43	73	219354	23.21	ug/L	99
18) trans-1,2-Dichloroethene	5.43	96	92734	24.39	ug/L	98
19) 1,1-Dichloroethane	6.23	63	169001	24.32	ug/L	97
21) 2-Butanone	7.18	43	67146	34.31	ug/L	96
22) cis-1,2-Dichloroethene	7.18	96	97126	23.93	ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	44148	23.34	ug/L	98
25) Chloroform	7.68	83	175992	24.09	ug/L	99
27) 1,2-Dichloroethane	8.41	62	134305	23.68	ug/L	98
30) Cyclohexane	7.96	56	168103	24.23	ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	167995	24.05	ug/L	99
32) Carbon tetrachloride	8.07	117	152390	23.51	ug/L	99
34) Benzene	8.33	78	410939	24.01	ug/L	100
35) Trichloroethene	9.10	95	106814	23.51	ug/L	99
36) Methylcyclohexane	9.34	83	188730	23.93	ug/L	99
40) 1,2-Dichloropropane	9.37	63	100336	23.74	ug/L	100
41) Bromodichloromethane	9.65	83	129266	23.86	ug/L	100
42) cis-1,3-Dichloropropene	10.08	75	153953	24.67	ug/L	100
43) 4-Methyl-2-pentanone	10.22	43	162142	40.13	ug/L	99
44) Toluene	10.40	91	481438	24.55	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	142434	24.36	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	76113	22.95	ug/L	98
47) Tetrachloroethene	10.87	164	97939	23.81	ug/L	99
49) 2-Hexanone	10.98	43	123373	41.54	ug/L	98
50) Dibromochloromethane	11.13	129	94014	23.73	ug/L	99
51) 1,2-Dibromoethane	11.24	107	71802	22.05	ug/L	97
52) Chlorobenzene	11.66	112	310320	24.25	ug/L	97
53) Ethylbenzene	11.74	91	556692	24.40	ug/L	98
54) m,p-Xylene	11.85	106	212789	24.91	ug/L	100
55) o-xylene	12.17	106	199881	24.92	ug/L	99
56) Styrene	12.19	104	344663	24.90	ug/L	98
57) Isopropylbenzene	12.47	105	551544	24.76	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	98502	21.60	ug/L	95
59) 1,2,3-Trichloropropane	12.77	75	81121	20.81	ug/L	99
62) Bromoform	12.35	173	60339	21.98	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	250257	24.03	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	258422	24.04	ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	237026	23.77	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.49	75	20617	19.05	ug/L	93
67) 1,3,5-Trichlorobenzene	14.63	180	202652	24.57	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	166784	24.47	ug/L	100
69) Naphthalene	15.38	128	339902	22.76	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	157374	24.56	ug/L	99

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

