

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100218\
 Data File : VW005786.D
 Acq On : 02 Oct 2018 19:48
 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: Oct 03 05:23:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 03 05:07:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	266187	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	260909	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	139655	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	64739	19.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.32%
7) Chloroethane-d5	2.90	69	55346	20.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.64%
10) 1,1-Dichloroethene-d2	4.01	63	159660	21.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.20%
20) 2-Butanone-d5	7.08	46	62072	56.98	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.96%
24) Chloroform-d	7.65	84	170474	24.93	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.72%
26) 1,2-Dichloroethane-d4	8.31	65	108714	26.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.00%
29) Benzene-d6	8.27	84	319367	24.73	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.92%
33) 1,2-Dichloropropane-d6	9.28	67	95521	25.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.36%
37) Toluene-d8	10.33	98	305516	23.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.84%
38) trans-1,3-Dichloropropene-	10.58	79	46889	23.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.68%
39) 2-Hexanone-d5	10.93	63	51508	58.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.84%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	100497	27.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.84%
61) 1,2-Dichlorobenzene-d4	13.86	152	122700	24.83	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.32%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	74026	23.716	ug/L 90
3) Chloromethane	2.21	50	58760	20.209	ug/L 98
5) Vinyl chloride	2.37	62	92163	21.983	ug/L 99
6) Bromomethane	2.78	94	56441	22.376	ug/L 97
8) Chloroethane	2.93	64	53334	22.880	ug/L 90
9) Trichlorofluoromethane	3.26	101	64031	19.989	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	91466	25.276	ug/L 99
12) 1,1-Dichloroethene	4.04	96	81258	23.511	ug/L 89
13) Acetone	4.13	43	54280	47.847	ug/L 70
14) Carbon disulfide	4.37	76	234640	21.652	ug/L 99
15) Methyl Acetate	4.67	43	54432	27.037	ug/L 97
16) Methylene chloride	4.91	84	101908	23.219	ug/L 97
17) Methyl tert-butyl Ether	5.43	73	132692	24.129	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	86504	24.336	ug/L 89
19) 1,1-Dichloroethane	6.21	63	170385	25.905	ug/L 98
21) 2-Butanone	7.18	43	71936	52.948	ug/L 100
22) cis-1,2-Dichloroethene	7.17	96	95254	24.654	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	47518	26.499	ug/L	93
25) Chloroform	7.68	83	182040	25.868	ug/L	99
27) 1,2-Dichloroethane	8.40	62	139192	26.864	ug/L	100
30) Cyclohexane	7.96	56	137204	23.202	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	155522	24.341	ug/L	99
32) Carbon tetrachloride	8.07	117	154598	24.847	ug/L	100
34) Benzene	8.32	78	382608	25.953	ug/L	100
35) Trichloroethene	9.09	95	100063	25.371	ug/L	99
36) Methylcyclohexane	9.34	83	167544	24.430	ug/L	99
40) 1,2-Dichloropropane	9.37	63	98662	27.462	ug/L	100
41) Bromodichloromethane	9.65	83	132975	26.325	ug/L	95
42) cis-1,3-Dichloropropene	10.08	75	150597	25.383	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	161045	54.928	ug/L	100
44) Toluene	10.39	91	420269	25.510	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	143546	25.983	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	79861	26.638	ug/L	98
47) Tetrachloroethene	10.87	164	86275	24.830	ug/L	95
49) 2-Hexanone	10.98	43	120579	58.589	ug/L	98
50) Dibromochloromethane	11.13	129	101441	26.980	ug/L	95
51) 1,2-Dibromoethane	11.24	107	77065	26.589	ug/L	95
52) Chlorobenzene	11.66	112	277746	25.627	ug/L	96
53) Ethylbenzene	11.74	91	484907	25.707	ug/L	100
54) m,p-Xylene	11.84	106	182929	25.741	ug/L	98
55) o-xylene	12.17	106	174726	26.086	ug/L	98
56) Styrene	12.18	104	318163	27.067	ug/L	95
57) Isopropylbenzene	12.47	105	492701	25.753	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	108184	28.288	ug/L	92
59) 1,2,3-Trichloropropane	12.77	75	86282	27.793	ug/L	99
62) Bromoform	12.35	173	67962	27.366	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	220169	24.820	ug/L	100
64) 1,4-Dichlorobenzene	13.58	146	234910	25.358	ug/L	98
65) 1,2-Dichlorobenzene	13.88	146	222325	26.046	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	21566	26.572	ug/L	96
67) 1,3,5-Trichlorobenzene	14.63	180	178674	24.541	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	152368	25.476	ug/L	99
69) Naphthalene	15.38	128	319924	26.696	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	145649	25.984	ug/L	100

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

