

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102919\
 Data File : VW013783.D
 Acq On : 29 Oct 2019 09:38
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02530

Quant Time: Oct 30 05:59:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 29 12:39:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	313382	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	303580	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	183981	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	89348	23.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.96%
7) Chloroethane-d5	2.89	69	79503	22.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.60%
10) 1,1-Dichloroethene-d2	4.03	63	207788	24.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	97.88%
20) 2-Butanone-d5	7.07	46	74396	54.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.20%
24) Chloroform-d	7.65	84	213908	24.39	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.56%
26) 1,2-Dichloroethane-d4	8.30	65	110958	24.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.80%
29) Benzene-d6	8.27	84	421609	23.12	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.48%
33) 1,2-Dichloropropane-d6	9.27	67	132355	24.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.20%
37) Toluene-d8	10.32	98	393704	23.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.60%
38) trans-1,3-Dichloropropene-	10.58	79	57755	23.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.00%
39) 2-Hexanone-d5	10.92	63	59476	57.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	117745	26.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	153545	23.62	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.48%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	90647	25.717 ug/L	95
3) Chloromethane	2.21	50	85450	22.395 ug/L	100
5) Vinyl chloride	2.37	62	141961	29.772 ug/L	100
6) Bromomethane	2.78	94	88435	25.667 ug/L	98
8) Chloroethane	2.93	64	85668	26.586 ug/L	96
9) Trichlorofluoromethane	3.26	101	75135	23.378 ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	139052	27.477 ug/L	100
12) 1,1-Dichloroethene	4.04	96	141622	28.435 ug/L	96
13) Acetone	4.11	43	85085	55.746 ug/L	95
14) Carbon disulfide	4.38	76	406752	28.542 ug/L	100
15) Methyl Acetate	4.67	43	69964	28.054 ug/L	99
16) Methylene chloride	4.92	84	143320	23.883 ug/L	99
17) Methyl tert-butyl Ether	5.42	73	182159	26.433 ug/L	100
18) trans-1,2-Dichloroethene	5.42	96	147223	26.740 ug/L	99
19) 1,1-Dichloroethane	6.21	63	251807	27.020 ug/L	99
21) 2-Butanone	7.16	43	104600	53.976 ug/L	99
22) cis-1,2-Dichloroethene	7.16	96	155628	26.334 ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	72465	27.129	ug/L	94
25) Chloroform	7.67	83	254303	27.165	ug/L	99
27) 1,2-Dichloroethane	8.40	62	161188	26.865	ug/L	96
30) Cyclohexane	7.95	56	245076	27.556	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	198636	28.053	ug/L	99
32) Carbon tetrachloride	8.06	117	194148	28.158	ug/L	99
34) Benzene	8.32	78	593791	27.260	ug/L	100
35) Trichloroethene	9.09	95	153115	27.398	ug/L	100
36) Methylcyclohexane	9.34	83	271758	27.588	ug/L	100
40) 1,2-Dichloropropane	9.37	63	144327	27.099	ug/L	100
41) Bromodichloromethane	9.64	83	181963	27.884	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	228323	27.153	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	194047	53.402	ug/L	99
44) Toluene	10.38	91	642200	27.441	ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	185680	27.356	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	111882	27.238	ug/L	96
47) Tetrachloroethene	10.86	164	139168	27.204	ug/L	97
49) 2-Hexanone	10.97	43	146714	56.912	ug/L	98
50) Dibromochloromethane	11.13	129	133713	27.583	ug/L	91
51) 1,2-Dibromoethane	11.24	107	107876	27.007	ug/L	96
52) Chlorobenzene	11.66	112	405413	27.075	ug/L	99
53) Ethylbenzene	11.73	91	716045	27.692	ug/L	100
54) m,p-Xylene	11.84	106	277439	27.766	ug/L	96
55) o-xylene	12.16	106	260987	27.524	ug/L	100
56) Styrene	12.18	104	453129	27.935	ug/L	99
57) Isopropylbenzene	12.46	105	706314	27.770	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	134148	27.865	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	97773	27.234	ug/L	99
62) Bromoform	12.35	173	85654	27.166	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	329340	26.381	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	332164	26.478	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	300454	26.563	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	21540	27.706	ug/L	87
67) 1,3,5-Trichlorobenzene	14.63	180	256622	27.651	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	210018	26.655	ug/L	99
69) Naphthalene	15.36	128	385659	27.013	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	188196	26.672	ug/L	99

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

