

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111819\
 Data File : VW014073.D
 Acq On : 18 Nov 2019 20:10
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02512

Quant Time: Nov 19 07:26:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 19 07:22:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	290829	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	287141	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	177934	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	109996	23.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.84%
7) Chloroethane-d5	2.89	69	91886	24.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.72%
10) 1,1-Dichloroethene-d2	4.02	63	225801	23.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.84%
20) 2-Butanone-d5	7.07	46	69847	51.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.62%
24) Chloroform-d	7.65	84	240337	26.88	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.52%
26) 1,2-Dichloroethane-d4	8.30	65	122935	27.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.36%
29) Benzene-d6	8.27	84	490973	24.10	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.40%
33) 1,2-Dichloropropane-d6	9.27	67	148787	24.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.72%
37) Toluene-d8	10.32	98	458430	23.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.92%
38) trans-1,3-Dichloropropene-	10.58	79	65524	25.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.56%
39) 2-Hexanone-d5	10.92	63	59082	52.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	123510	27.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	167514	23.43	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.72%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	71232	20.595	ug/L	95
3) Chloromethane	2.21	50	64538	21.007	ug/L	99
5) Vinyl chloride	2.36	62	120749	25.173	ug/L	92
6) Bromomethane	2.78	94	75360	25.375	ug/L	97
8) Chloroethane	2.92	64	71262	24.975	ug/L	91
9) Trichlorofluoromethane	3.25	101	61245	18.724	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	118854	24.608	ug/L	97
12) 1,1-Dichloroethene	4.04	96	122527	24.957	ug/L	89
13) Acetone	4.12	43	43900	32.004	ug/L	99
14) Carbon disulfide	4.39	76	340013	24.333	ug/L	99
15) Methyl Acetate	4.67	43	59059	26.611	ug/L	98
16) Methylene chloride	4.92	84	136262	24.337	ug/L	98
17) Methyl tert-butyl Ether	5.42	73	168833	26.656	ug/L #	90
18) trans-1,2-Dichloroethene	5.42	96	129379	25.271	ug/L	97
19) 1,1-Dichloroethane	6.21	63	230922	26.778	ug/L	99
21) 2-Butanone	7.17	43	77013	43.701	ug/L	100
22) cis-1,2-Dichloroethene	7.17	96	142160	26.387	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	65689	27.776	ug/L	91
25) Chloroform	7.67	83	235621	27.823	ug/L	99
27) 1,2-Dichloroethane	8.40	62	148207	28.906	ug/L	98
30) Cyclohexane	7.95	56	210601	22.919	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	179952	25.007	ug/L	99
32) Carbon tetrachloride	8.06	117	171503	24.827	ug/L	99
34) Benzene	8.32	78	536558	25.476	ug/L	100
35) Trichloroethene	9.09	95	139037	24.747	ug/L	98
36) Methylcyclohexane	9.33	83	230324	22.864	ug/L	99
40) 1,2-Dichloropropane	9.37	63	132927	26.218	ug/L	99
41) Bromodichloromethane	9.64	83	168140	27.431	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	207976	25.993	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	170480	50.926	ug/L	100
44) Toluene	10.38	91	579381	25.231	ug/L	97
45) trans-1,3-Dichloropropene	10.60	75	167652	26.497	ug/L	95
46) 1,1,2-Trichloroethane	10.79	97	100179	26.891	ug/L	99
47) Tetrachloroethene	10.86	164	123535	24.669	ug/L	95
49) 2-Hexanone	10.96	43	113156	46.886	ug/L	97
50) Dibromochloromethane	11.13	129	121043	27.643	ug/L	99
51) 1,2-Dibromoethane	11.23	107	95157	26.326	ug/L	97
52) Chlorobenzene	11.65	112	370726	25.752	ug/L	96
53) Ethylbenzene	11.73	91	639667	25.385	ug/L	99
54) m,p-Xylene	11.84	106	247122	25.235	ug/L	98
55) o-xylene	12.16	106	238726	26.033	ug/L	98
56) Styrene	12.18	104	412807	26.648	ug/L	94
57) Isopropylbenzene	12.46	105	632148	25.072	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.71	83	120028	27.597	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	87246	26.672	ug/L	100
62) Bromoform	12.35	173	74999	25.720	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	298222	23.870	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	297851	24.129	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	274167	24.781	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.48	75	18132	24.065	ug/L	91
67) 1,3,5-Trichlorobenzene	14.63	180	228026	23.948	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	178523	23.845	ug/L	100
69) Naphthalene	15.36	128	314638	23.656	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	161910	24.505	ug/L	99

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

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