

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032719\
 Data File : VW009512.D
 Acq On : 27 Mar 2019 19:33
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02529

Quant Time: Mar 28 10:49:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 28 07:41:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	396654	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	382552	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	205141	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	88149	18.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.40%
7) Chloroethane-d5	2.89	69	102742	18.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.08%
10) 1,1-Dichloroethene-d2	4.01	63	226856	22.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.56%
20) 2-Butanone-d5	7.07	46	100430	51.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.46%
24) Chloroform-d	7.64	84	241958	22.35	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.40%
26) 1,2-Dichloroethane-d4	8.31	65	147864	22.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.72%
29) Benzene-d6	8.27	84	426375	20.21	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.84%
33) 1,2-Dichloropropane-d6	9.27	67	135339	21.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.44%
37) Toluene-d8	10.32	98	401316	20.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.28%
38) trans-1,3-Dichloropropene-	10.57	79	64794	20.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.44%
39) 2-Hexanone-d5	10.92	63	68639	44.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.44%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	155109	24.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.40%
61) 1,2-Dichlorobenzene-d4	13.86	152	161205	20.49	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.96%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	126951	24.295	ug/L	96
3) Chloromethane	2.21	50	132944	23.981	ug/L	99
5) Vinyl chloride	2.37	62	176530	30.937	ug/L	97
6) Bromomethane	2.78	94	128045	26.784	ug/L	99
8) Chloroethane	2.92	64	127437	26.994	ug/L	90
9) Trichlorofluoromethane	3.25	101	104709	23.231	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.05	101	143386	27.546	ug/L	94
12) 1,1-Dichloroethene	4.04	96	136633	27.973	ug/L #	73
13) Acetone	4.12	43	97796	60.836	ug/L	99
14) Carbon disulfide	4.37	76	382464	29.094	ug/L	99
15) Methyl Acetate	4.67	43	92257	29.213	ug/L	100
16) Methylene chloride	4.91	84	161032	27.839	ug/L	100
17) Methyl tert-butyl Ether	5.43	73	190237	27.526	ug/L #	90
18) trans-1,2-Dichloroethene	5.41	96	140571	27.373	ug/L	95
19) 1,1-Dichloroethane	6.20	63	274646	29.331	ug/L	99
21) 2-Butanone	7.17	43	132786	59.824	ug/L	98
22) cis-1,2-Dichloroethene	7.16	96	152641	27.438	ug/L	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	70649	26.478	ug/L	95
25) Chloroform	7.67	83	288137	29.384	ug/L	99
27) 1,2-Dichloroethane	8.40	62	216871	29.663	ug/L	97
30) Cyclohexane	7.95	56	241905	27.843	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	228352	29.887	ug/L	99
32) Carbon tetrachloride	8.06	117	228430	29.632	ug/L	99
34) Benzene	8.32	78	598372	28.577	ug/L	100
35) Trichloroethene	9.09	95	155116	27.802	ug/L	99
36) Methylcyclohexane	9.33	83	266264	27.584	ug/L	98
40) 1,2-Dichloropropane	9.37	63	153294	28.530	ug/L	99
41) Bromodichloromethane	9.64	83	213197	28.637	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	241322	27.576	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	283377	58.203	ug/L	99
44) Toluene	10.38	91	656830	28.691	ug/L	97
45) trans-1,3-Dichloropropene	10.60	75	212166	27.870	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	121418	28.325	ug/L	98
47) Tetrachloroethene	10.86	164	129157	27.397	ug/L	98
49) 2-Hexanone	10.97	43	215317	62.790	ug/L	99
50) Dibromochloromethane	11.13	129	148243	28.015	ug/L	100
51) 1,2-Dibromoethane	11.23	107	121047	27.855	ug/L	96
52) Chlorobenzene	11.66	112	416360	28.356	ug/L	99
53) Ethylbenzene	11.73	91	754640	29.319	ug/L	98
54) m,p-Xylene	11.84	106	286618	29.311	ug/L	97
55) o-xylene	12.16	106	268010	28.094	ug/L	96
56) Styrene	12.18	104	478074	29.372	ug/L	96
57) Isopropylbenzene	12.46	105	760709	29.768	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	171381	29.636	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	128719	29.993	ug/L	100
62) Bromoform	12.35	173	95488	27.549	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	326688	26.721	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	347669	27.505	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	318210	27.292	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	31512	27.577	ug/L	93
67) 1,3,5-Trichlorobenzene	14.63	180	257820	27.036	ug/L	100
68) 1,2,4-trichlorobenzene	15.14	180	214012	26.717	ug/L	99
69) Naphthalene	15.37	128	465641	28.039	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	204051	27.198	ug/L	98

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

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