

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032019\
 Data File : VW009297.D
 Acq On : 20 Mar 2019 20:00
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02515

Manual Integrations
 APPROVED

MMDadoda
 3/24/2019 6:47:49 AM

Quant Time: Mar 21 11:40:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 21 10:17:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	438212	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	421172	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	224562	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	124772	23.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.32%
7) Chloroethane-d5	2.89	69	119430	19.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.96%
10) 1,1-Dichloroethene-d2	4.02	63	277926	24.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.24%
20) 2-Butanone-d5	7.07	46	111977	51.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.42%
24) Chloroform-d	7.64	84	284034	23.75	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	8.30	65	171086	23.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.00%
29) Benzene-d6	8.27	84	528675	22.76	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.04%
33) 1,2-Dichloropropane-d6	9.27	67	159128	22.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.24%
37) Toluene-d8	10.32	98	495021	23.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.20%
38) trans-1,3-Dichloropropene-	10.57	79	79944	22.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.28%
39) 2-Hexanone-d5	10.93	63	91474	54.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.28%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	173758	25.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.16%
61) 1,2-Dichlorobenzene-d4	13.86	152	196837	22.86	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.44%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	150570m	26.083	ug/L	
3) Chloromethane	2.21	50	146156	23.864	ug/L	97
5) Vinyl chloride	2.37	62	196877	31.230	ug/L	96
6) Bromomethane	2.78	94	134120	25.394	ug/L	100
8) Chloroethane	2.93	64	133108	25.521	ug/L	94
9) Trichlorofluoromethane	3.25	101	106235	21.334	ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	154278	26.828	ug/L	98
12) 1,1-Dichloroethene	4.04	96	159307	29.522	ug/L	80
13) Acetone	4.12	43	101471	57.136	ug/L	96
14) Carbon disulfide	4.38	76	448065	30.852	ug/L	98
15) Methyl Acetate	4.67	43	99915	28.638	ug/L	98
16) Methylene chloride	4.92	84	163151	25.531	ug/L	95
17) Methyl tert-butyl Ether	5.42	73	212189	27.790	ug/L	98
18) trans-1,2-Dichloroethene	5.41	96	158445	27.927	ug/L	98
19) 1,1-Dichloroethane	6.21	63	292903	28.314	ug/L	98
21) 2-Butanone	7.17	43	147188	60.024	ug/L	99
22) cis-1,2-Dichloroethene	7.16	96	175182	28.504	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	82106	27.854	ug/L	95
25) Chloroform	7.67	83	310548	28.666	ug/L	99
27) 1,2-Dichloroethane	8.40	62	233026	28.850	ug/L	100
30) Cyclohexane	7.95	56	267921	28.010	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	235668	28.016	ug/L	98
32) Carbon tetrachloride	8.06	117	248119	29.235	ug/L	98
34) Benzene	8.32	78	654159	28.377	ug/L	100
35) Trichloroethene	9.09	95	172371	28.061	ug/L	98
36) Methylcyclohexane	9.33	83	298854	28.121	ug/L	99
40) 1,2-Dichloropropane	9.37	63	165567	27.989	ug/L	100
41) Bromodichloromethane	9.64	83	229877	28.046	ug/L	97
42) cis-1,3-Dichloropropene	10.07	75	267688	27.784	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	312986	58.389	ug/L	99
44) Toluene	10.38	91	711981	28.248	ug/L	97
45) trans-1,3-Dichloropropene	10.60	75	237101	28.290	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	134190	28.434	ug/L	98
47) Tetrachloroethene	10.86	164	144398	27.821	ug/L	97
49) 2-Hexanone	10.97	43	229777	60.863	ug/L	97
50) Dibromochloromethane	11.13	129	165252	28.366	ug/L	96
51) 1,2-Dibromoethane	11.23	107	136541	28.540	ug/L	94
52) Chlorobenzene	11.66	112	455124	28.153	ug/L	99
53) Ethylbenzene	11.73	91	816698	28.821	ug/L	100
54) m,p-Xylene	11.84	106	308142	28.622	ug/L	93
55) o-xylene	12.16	106	298197	28.392	ug/L	98
56) Styrene	12.18	104	521789	29.118	ug/L	98
57) Isopropylbenzene	12.46	105	815595	28.989	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	187020	29.375	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	141087	29.860	ug/L	99
62) Bromoform	12.35	173	108009	28.466	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	358523	26.788	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	380503	27.499	ug/L	96
65) 1,2-Dichlorobenzene	13.87	146	352245	27.598	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	34442	27.534	ug/L	94
67) 1,3,5-Trichlorobenzene	14.63	180	280187	26.840	ug/L	98
68) 1,2,4-trichlorobenzene	15.14	180	237073	27.037	ug/L	98
69) Naphthalene	15.37	128	534375	29.395	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	228303	27.798	ug/L	99

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

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