

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040819\
 Data File : VW009806.D
 Acq On : 08 Apr 2019 17:03
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02520

Manual Integrations
 APPROVED

MMDadoda
 4/11/2019 2:01:53 PM

Quant Time: Apr 09 02:24:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 09 02:01:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	540308	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	501286	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	258969	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	172718	24.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.72%
7) Chloroethane-d5	2.89	69	146461m	22.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.44%
10) 1,1-Dichloroethene-d2	4.02	63	383897	25.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.00%
20) 2-Butanone-d5	7.07	46	113386	49.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.78%
24) Chloroform-d	7.64	84	372878	25.29	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.16%
26) 1,2-Dichloroethane-d4	8.30	65	220968	24.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.64%
29) Benzene-d6	8.27	84	695348	26.42	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.68%
33) 1,2-Dichloropropane-d6	9.27	67	206150	25.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.44%
37) Toluene-d8	10.32	98	646553	26.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.28%
38) trans-1,3-Dichloropropene-	10.57	79	97647	25.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.76%
39) 2-Hexanone-d5	10.92	63	79079	51.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	191653	25.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.44%
61) 1,2-Dichlorobenzene-d4	13.86	152	219478	24.15	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	198517m	27.892	ug/L	
3) Chloromethane	2.21	50	189099	25.709	ug/L	100
5) Vinyl chloride	2.37	62	227400	24.102	ug/L	99
6) Bromomethane	2.78	94	141951	21.743	ug/L	100
8) Chloroethane	2.92	64	143226	23.130	ug/L	99
9) Trichlorofluoromethane	3.25	101	132292	22.858	ug/L	97
11) 1,1,2-Trichloro-1,2,2-trif	4.04	101	185601	24.654	ug/L	94
12) 1,1-Dichloroethene	4.03	96	188864	26.317	ug/L	93
13) Acetone	4.12	43	117966	47.960	ug/L	100
14) Carbon disulfide	4.37	76	515651	23.117	ug/L	100
15) Methyl Acetate	4.67	43	104547	23.312	ug/L	100
16) Methylene chloride	4.92	84	193333	20.289	ug/L	94
17) Methyl tert-butyl Ether	5.42	73	243928	24.674	ug/L	99
18) trans-1,2-Dichloroethene	5.41	96	189764	25.426	ug/L	98
19) 1,1-Dichloroethane	6.21	63	374222	26.128	ug/L	97
21) 2-Butanone	7.17	43	159970	51.138	ug/L	99
22) cis-1,2-Dichloroethene	7.16	96	209782	26.281	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	92319	25.209	ug/L	94
25) Chloroform	7.67	83	389755	25.979	ug/L	100
27) 1,2-Dichloroethane	8.40	62	289491	25.512	ug/L	99
30) Cyclohexane	7.95	56	330275	27.915	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	297362	26.149	ug/L	99
32) Carbon tetrachloride	8.06	117	307583	26.979	ug/L	100
34) Benzene	8.32	78	818953	27.154	ug/L	100
35) Trichloroethene	9.09	95	211979	26.857	ug/L	99
36) Methylcyclohexane	9.33	83	355419	27.389	ug/L	99
40) 1,2-Dichloropropane	9.37	63	206085	26.693	ug/L	100
41) Bromodichloromethane	9.64	83	284802	26.735	ug/L	100
42) cis-1,3-Dichloropropene	10.07	75	325861	27.244	ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	323390	53.924	ug/L	100
44) Toluene	10.38	91	882236	27.613	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	281531	27.301	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	152494	26.315	ug/L	95
47) Tetrachloroethene	10.86	164	166488	26.782	ug/L	98
49) 2-Hexanone	10.97	43	247614	55.452	ug/L	99
50) Dibromochloromethane	11.13	129	189354	26.596	ug/L	94
51) 1,2-Dibromoethane	11.23	107	150480	25.908	ug/L	100
52) Chlorobenzene	11.66	112	541496	26.330	ug/L	99
53) Ethylbenzene	11.73	91	1011017	27.779	ug/L	98
54) m,p-Xylene	11.84	106	375315	27.881	ug/L	98
55) o-xylene	12.16	106	353826	27.598	ug/L	98
56) Styrene	12.18	104	621781	27.951	ug/L	99
57) Isopropylbenzene	12.46	105	997955	28.427	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	205220	26.336	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	152834	26.348	ug/L	99
62) Bromoform	12.35	173	113056	24.829	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	416957	26.028	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	436968	25.579	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	395382	25.798	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	36767	24.645	ug/L	99
67) 1,3,5-Trichlorobenzene	14.63	180	318300	26.779	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	258106	27.039	ug/L	100
69) Naphthalene	15.37	128	532481	27.754	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	245164	27.455	ug/L	100

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

