

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032619\
 Data File : VW009456.D
 Acq On : 26 Mar 2019 09:46
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02597

Quant Time: Mar 27 01:17:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 26 07:46:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	427699	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	405572	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	210231	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	105586	20.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.64%
7) Chloroethane-d5	2.88	69	120756	20.19	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.76%
10) 1,1-Dichloroethene-d2	4.02	63	252774	22.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.52%
20) 2-Butanone-d5	7.07	46	99324	46.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.98%
24) Chloroform-d	7.64	84	252143	21.60	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.40%
26) 1,2-Dichloroethane-d4	8.31	65	151559	21.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.24%
29) Benzene-d6	8.27	84	462514	20.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.72%
33) 1,2-Dichloropropane-d6	9.27	67	143326	21.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.32%
37) Toluene-d8	10.32	98	430818	20.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.32%
38) trans-1,3-Dichloropropene-	10.57	79	69034	20.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.84%
39) 2-Hexanone-d5	10.93	63	75000	46.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.20%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	153562	23.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	169616	21.04	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.16%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	125608	22.294	ug/L	90
3) Chloromethane	2.21	50	143127	23.943	ug/L	97
5) Vinyl chloride	2.37	62	190932	31.032	ug/L	98
6) Bromomethane	2.78	94	145894	28.303	ug/L	99
8) Chloroethane	2.92	64	146229	28.726	ug/L	94
9) Trichlorofluoromethane	3.25	101	121218	24.941	ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	155485	27.702	ug/L	91
12) 1,1-Dichloroethene	4.03	96	148622	28.219	ug/L	92
13) Acetone	4.12	43	98658	56.917	ug/L	98
14) Carbon disulfide	4.37	76	421002	29.701	ug/L	99
15) Methyl Acetate	4.67	43	96254	28.266	ug/L	99
16) Methylene chloride	4.91	84	148503	23.810	ug/L	99
17) Methyl tert-butyl Ether	5.42	73	195430	26.225	ug/L	99
18) trans-1,2-Dichloroethene	5.41	96	148643	26.844	ug/L	90
19) 1,1-Dichloroethane	6.21	63	282255	27.956	ug/L	98
21) 2-Butanone	7.17	43	132412	55.325	ug/L	98
22) cis-1,2-Dichloroethene	7.16	96	161067	26.851	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	73866	25.674	ug/L	98
25) Chloroform	7.67	83	289505	27.381	ug/L	98
27) 1,2-Dichloroethane	8.40	62	217870	27.637	ug/L	99
30) Cyclohexane	7.95	56	255992	27.792	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	238646	29.462	ug/L	99
32) Carbon tetrachloride	8.06	117	242106	29.624	ug/L	97
34) Benzene	8.32	78	621735	28.008	ug/L	100
35) Trichloroethene	9.09	95	162346	27.446	ug/L	98
36) Methylcyclohexane	9.34	83	281818	27.538	ug/L	99
40) 1,2-Dichloropropane	9.37	63	154343	27.095	ug/L	99
41) Bromodichloromethane	9.64	83	215751	27.335	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	244505	26.354	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	280586	54.358	ug/L	100
44) Toluene	10.38	91	674759	27.801	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	217918	27.001	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	120773	26.576	ug/L	99
47) Tetrachloroethene	10.86	164	135629	27.137	ug/L	95
49) 2-Hexanone	10.97	43	211515	58.180	ug/L	100
50) Dibromochloromethane	11.13	129	148138	26.406	ug/L	91
51) 1,2-Dibromoethane	11.23	107	122111	26.505	ug/L #	97
52) Chlorobenzene	11.66	112	421631	27.085	ug/L	98
53) Ethylbenzene	11.73	91	776811	28.468	ug/L	99
54) m,p-Xylene	11.84	106	289792	27.953	ug/L	97
55) o-xylene	12.16	106	273426	27.035	ug/L	99
56) Styrene	12.18	104	482730	27.974	ug/L	96
57) Isopropylbenzene	12.46	105	778353	28.729	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	171949	28.047	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	129809	28.530	ug/L	100
62) Bromoform	12.35	173	95574	26.906	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	333250	26.597	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	347850	26.853	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	318766	26.677	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.49	75	31933	27.268	ug/L	95
67) 1,3,5-Trichlorobenzene	14.63	180	260291	26.634	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	218205	26.581	ug/L	100
69) Naphthalene	15.37	128	465119	27.329	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	203735	26.498	ug/L	100

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

