

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070219\
 Data File : VW011131.D
 Acq On : 03 Jul 2019 03:04
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02514

Quant Time: Jul 03 05:56:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 03 05:51:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	314634	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	296528	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	144770	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	100052	20.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.28%
7) Chloroethane-d5	2.88	69	74884	22.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.88%
10) 1,1-Dichloroethene-d2	4.02	63	217402	21.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.48%
20) 2-Butanone-d5	7.07	46	113538	59.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.98%
24) Chloroform-d	7.65	84	214181	24.84	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.36%
26) 1,2-Dichloroethane-d4	8.31	65	142518	26.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.32%
29) Benzene-d6	8.27	84	428088	23.43	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.72%
33) 1,2-Dichloropropane-d6	9.27	67	145351	24.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.76%
37) Toluene-d8	10.32	98	382441	23.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.96%
38) trans-1,3-Dichloropropene-	10.58	79	60334	23.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.40%
39) 2-Hexanone-d5	10.92	63	77829	57.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	138286	28.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	136699	24.60	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	83753	21.643	ug/L 99
3) Chloromethane	2.21	50	93294	22.206	ug/L 100
5) Vinyl chloride	2.35	62	113529	20.704	ug/L 97
6) Bromomethane	2.77	94	60182	23.459	ug/L 100
8) Chloroethane	2.92	64	63134	22.779	ug/L 96
9) Trichlorofluoromethane	3.25	101	31718	16.894	ug/L 98
11) 1,1,2-Trichloro-1,2,2-trif	4.05	101	93209	22.281	ug/L 97
12) 1,1-Dichloroethene	4.04	96	92009	22.253	ug/L 89
13) Acetone	4.12	43	71333	38.590	ug/L 98
14) Carbon disulfide	4.38	76	247905	20.960	ug/L 99
15) Methyl Acetate	4.66	43	93366	31.041	ug/L 100
16) Methylene chloride	4.92	84	115327	24.944	ug/L 93
17) Methyl tert-butyl Ether	5.42	73	183721	28.652	ug/L 100
18) trans-1,2-Dichloroethene	5.42	96	97093	23.238	ug/L 96
19) 1,1-Dichloroethane	6.21	63	211463	24.930	ug/L 98
21) 2-Butanone	7.17	43	128408	53.811	ug/L 99
22) cis-1,2-Dichloroethene	7.17	96	114628	25.345	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	51835	27.315	ug/L	97
25) Chloroform	7.67	83	205736	25.607	ug/L	100
27) 1,2-Dichloroethane	8.40	62	167059	27.201	ug/L	99
30) Cyclohexane	7.95	56	184420	20.456	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	137636	22.364	ug/L	100
32) Carbon tetrachloride	8.07	117	125218	21.695	ug/L	98
34) Benzene	8.32	78	446509	24.093	ug/L	100
35) Trichloroethene	9.09	95	107278	22.939	ug/L	99
36) Methylcyclohexane	9.33	83	172483	20.494	ug/L	99
40) 1,2-Dichloropropane	9.37	63	129865	25.573	ug/L	99
41) Bromodichloromethane	9.64	83	152091	25.977	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	186394	24.876	ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	279498	59.372	ug/L	99
44) Toluene	10.38	91	463465	24.161	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	157790	25.450	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	95893	27.268	ug/L	98
47) Tetrachloroethene	10.86	164	76501	21.644	ug/L	97
49) 2-Hexanone	10.97	43	198556	57.945	ug/L	98
50) Dibromochloromethane	11.13	129	100748	26.903	ug/L	96
51) 1,2-Dibromoethane	11.23	107	93008	27.390	ug/L	99
52) Chlorobenzene	11.66	112	287578	24.539	ug/L	98
53) Ethylbenzene	11.73	91	514042	23.625	ug/L	99
54) m,p-Xylene	11.83	106	186804	23.647	ug/L	96
55) o-xylene	12.16	106	185407	24.672	ug/L	97
56) Styrene	12.18	104	332567	25.797	ug/L	98
57) Isopropylbenzene	12.46	105	483794	23.584	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	134502	28.749	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	105170	29.272	ug/L	99
62) Bromoform	12.35	173	60083	27.847	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	217340	24.402	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	223102	24.469	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	216398	26.101	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	23464	28.826	ug/L	96
67) 1,3,5-Trichlorobenzene	14.63	180	159443	23.627	ug/L	97
68) 1,2,4-trichlorobenzene	15.14	180	140851	24.914	ug/L	98
69) Naphthalene	15.37	128	352571	29.777	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	137307	26.544	ug/L	100

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

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