

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072319\
 Data File : VW011434.D
 Acq On : 23 Jul 2019 09:38
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02517

Quant Time: Jul 24 01:18:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072219S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 23 04:55:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	451939	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	400362	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	193044	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	147872	24.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.04%
7) Chloroethane-d5	2.89	69	108539	24.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.76%
10) 1,1-Dichloroethene-d2	4.02	63	336057	24.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.36%
20) 2-Butanone-d5	7.08	46	121825	47.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.84%
24) Chloroform-d	7.65	84	289066	24.98	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.92%
26) 1,2-Dichloroethane-d4	8.31	65	169821	24.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.72%
29) Benzene-d6	8.27	84	584623	24.42	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.68%
33) 1,2-Dichloropropane-d6	9.27	67	191009	24.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.48%
37) Toluene-d8	10.32	98	522673	24.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.44%
38) trans-1,3-Dichloropropene-	10.58	79	82989	24.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.04%
39) 2-Hexanone-d5	10.92	63	82190	48.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.72%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	152033	24.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.12%
61) 1,2-Dichlorobenzene-d4	13.85	152	173583	23.95	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	145462	26.385	ug/L 95
3) Chloromethane	2.21	50	156389	23.380	ug/L 99
5) Vinyl chloride	2.36	62	199835	25.367	ug/L 98
6) Bromomethane	2.78	94	92392	24.293	ug/L 99
8) Chloroethane	2.92	64	103769	24.737	ug/L 97
9) Trichlorofluoromethane	3.26	101	95237	25.418	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	153073	25.456	ug/L 99
12) 1,1-Dichloroethene	4.04	96	150527	25.076	ug/L 87
13) Acetone	4.12	43	140149	51.561	ug/L 99
14) Carbon disulfide	4.39	76	492397	25.299	ug/L 100
15) Methyl Acetate	4.67	43	101635	24.352	ug/L 98
16) Methylene chloride	4.92	84	160482	24.394	ug/L 100
17) Methyl tert-butyl Ether	5.42	73	233556	24.610	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	151712	24.508	ug/L 97
19) 1,1-Dichloroethane	6.21	63	301230	24.499	ug/L 100
21) 2-Butanone	7.17	43	171323	49.046	ug/L 98
22) cis-1,2-Dichloroethene	7.17	96	159876	24.380	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	65986	24.076	ug/L	99
25) Chloroform	7.67	83	276610	24.421	ug/L	100
27) 1,2-Dichloroethane	8.40	62	199690	24.189	ug/L	100
30) Cyclohexane	7.95	56	324328	24.870	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	220499	24.741	ug/L	100
32) Carbon tetrachloride	8.07	117	205710	24.838	ug/L	99
34) Benzene	8.32	78	636886	24.506	ug/L	100
35) Trichloroethene	9.09	95	160444	24.290	ug/L	98
36) Methylcyclohexane	9.34	83	295447	24.597	ug/L	98
40) 1,2-Dichloropropane	9.37	63	168931	24.194	ug/L	100
41) Bromodichloromethane	9.64	83	199495	24.436	ug/L	97
42) cis-1,3-Dichloropropene	10.07	75	257370	24.535	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	288628	48.285	ug/L	99
44) Toluene	10.39	91	659473	24.739	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	208878	24.229	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	111232	23.799	ug/L	99
47) Tetrachloroethene	10.86	164	122666	24.205	ug/L	99
49) 2-Hexanone	10.97	43	235952	52.294	ug/L	99
50) Dibromochloromethane	11.13	129	126609	24.472	ug/L	99
51) 1,2-Dibromoethane	11.24	107	108559	24.017	ug/L	99
52) Chlorobenzene	11.66	112	387761	24.121	ug/L	99
53) Ethylbenzene	11.73	91	733213	24.439	ug/L	100
54) m,p-Xylene	11.84	106	268418	24.429	ug/L	99
55) o-xylene	12.16	106	253391	24.468	ug/L	96
56) Styrene	12.18	104	436534	25.058	ug/L	100
57) Isopropylbenzene	12.46	105	700547	24.835	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	144962	23.877	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	110636	23.851	ug/L	99
62) Bromoform	12.35	173	72964	23.880	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	297042	24.299	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	296476	23.878	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	267736	23.803	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	24799	23.131	ug/L	94
67) 1,3,5-Trichlorobenzene	14.63	180	227609	24.408	ug/L	100
68) 1,2,4-trichlorobenzene	15.13	180	190907	24.702	ug/L	99
69) Naphthalene	15.37	128	391775	24.903	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	171394	24.480	ug/L	99

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

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