

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072919\
 Data File : VW011552.D
 Acq On : 29 Jul 2019 10:38
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02521

Quant Time: Jul 30 05:54:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072219S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 26 01:06:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	379815	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	329739	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	161782	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	114527	22.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.36%
7) Chloroethane-d5	2.89	69	87706	23.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.96%
10) 1,1-Dichloroethene-d2	4.02	63	275332	23.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.88%
20) 2-Butanone-d5	7.07	46	142246	65.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.76%
24) Chloroform-d	7.65	84	251621	25.87	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.48%
26) 1,2-Dichloroethane-d4	8.31	65	150928	26.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.40%
29) Benzene-d6	8.27	84	497120	25.21	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.84%
33) 1,2-Dichloropropane-d6	9.27	67	163105	25.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.08%
37) Toluene-d8	10.32	98	438778	24.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.32%
38) trans-1,3-Dichloropropene-	10.57	79	74389	26.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.80%
39) 2-Hexanone-d5	10.92	63	95666	69.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	138.12%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	152824	29.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	119.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	150961	24.85	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	125824	27.157	ug/L 98
3) Chloromethane	2.21	50	131410	23.376	ug/L 99
5) Vinyl chloride	2.36	62	174408	26.343	ug/L 100
6) Bromomethane	2.78	94	79463	24.861	ug/L 97
8) Chloroethane	2.92	64	90396	25.641	ug/L 100
9) Trichlorofluoromethane	3.26	101	87482	27.782	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	133608	26.438	ug/L 99
12) 1,1-Dichloroethene	4.04	96	132308	26.226	ug/L 95
13) Acetone	4.12	43	154337	67.563	ug/L 97
14) Carbon disulfide	4.38	76	418141	25.564	ug/L 100
15) Methyl Acetate	4.67	43	111825	31.881	ug/L 99
16) Methylene chloride	4.92	84	136498	24.688	ug/L 99
17) Methyl tert-butyl Ether	5.42	73	224328	28.126	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	135920	26.126	ug/L 100
19) 1,1-Dichloroethane	6.21	63	269354	26.066	ug/L 98
21) 2-Butanone	7.17	43	186873	63.656	ug/L 98
22) cis-1,2-Dichloroethene	7.17	96	141404	25.658	ug/L 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	60051	26.071	uq/L	98
25) Chloroform	7.67	83	244228	25.657	uq/L	99
27) 1,2-Dichloroethane	8.40	62	184179	26.546	uq/L	99
30) Cyclohexane	7.95	56	284083	26.449	uq/L	99
31) 1,1,1-Trichloroethane	7.87	97	197076	26.849	uq/L	99
32) Carbon tetrachloride	8.07	117	186308	27.313	uq/L	99
34) Benzene	8.32	78	566599	26.471	uq/L	100
35) Trichloroethene	9.09	95	143068	26.298	uq/L	99
36) Methylcyclohexane	9.34	83	267491	27.040	uq/L	99
40) 1,2-Dichloropropane	9.37	63	150709	26.207	uq/L	100
41) Bromodichloromethane	9.64	83	177272	26.365	uq/L	97
42) cis-1,3-Dichloropropene	10.07	75	230038	26.626	uq/L	98
43) 4-Methyl-2-pentanone	10.21	43	310004	62.969	uq/L	100
44) Toluene	10.38	91	582429	26.528	uq/L	98
45) trans-1,3-Dichloropropene	10.60	75	192924	27.171	uq/L	98
46) 1,1,2-Trichloroethane	10.79	97	104256	27.084	uq/L	98
47) Tetrachloroethene	10.86	164	108827	26.074	uq/L	96
49) 2-Hexanone	10.97	43	254140	68.388	uq/L	100
50) Dibromochloromethane	11.13	129	115760	27.167	uq/L	99
51) 1,2-Dibromoethane	11.23	107	103718	27.861	uq/L	100
52) Chlorobenzene	11.66	112	342200	25.846	uq/L	98
53) Ethylbenzene	11.73	91	649618	26.290	uq/L	100
54) m,p-Xylene	11.84	106	236508	26.135	uq/L	98
55) o-xylene	12.16	106	224718	26.347	uq/L	99
56) Styrene	12.18	104	385140	26.843	uq/L	99
57) Isopropylbenzene	12.46	105	615843	26.508	uq/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	145922	29.182	uq/L	99
59) 1,2,3-Trichloropropane	12.77	75	114341	29.929	uq/L	100
62) Bromoform	12.35	173	71422	27.892	uq/L	99
63) 1,3-Dichlorobenzene	13.50	146	260801	25.457	uq/L	99
64) 1,4-Dichlorobenzene	13.58	146	263253	25.299	uq/L	99
65) 1,2-Dichlorobenzene	13.87	146	239384	25.395	uq/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	27971	31.131	uq/L	98
67) 1,3,5-Trichlorobenzene	14.63	180	199611	25.542	uq/L	99
68) 1,2,4-trichlorobenzene	15.13	180	165618	25.571	uq/L	99
69) Naphthalene	15.36	128	377119	28.603	uq/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	152255	25.948	uq/L	99

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

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