

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110520\
 Data File : VW017086.D
 Acq On : 05 Nov 2020 09:04
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02514

Quant Time: Nov 06 04:13:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 04 16:12:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	498648	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	460207	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	223400	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	164667	26.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.88%
7) Chloroethane-d5	2.90	69	123614	25.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.16%
10) 1,1-Dichloroethene-d2	4.03	63	284766	25.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.40%
20) 2-Butanone-d5	7.08	46	57688	41.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.14%
24) Chloroform-d	7.65	84	291271	25.02	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.08%
26) 1,2-Dichloroethane-d4	8.31	65	135479	23.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.64%
29) Benzene-d6	8.27	84	576080	24.58	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.32%
33) 1,2-Dichloropropane-d6	9.27	67	156867	24.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.80%
37) Toluene-d8	10.32	98	542640	24.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.24%
38) trans-1,3-Dichloropropene-	10.58	79	68487	23.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.72%
39) 2-Hexanone-d5	10.93	63	46006	40.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.34%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	123695	21.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	192318	24.43	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.72%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	129000	25.785	ug/L 99
3) Chloromethane	2.22	50	112590	24.796	ug/L 100
5) Vinyl chloride	2.37	62	172817	25.950	ug/L 100
6) Bromomethane	2.79	94	119511	25.949	ug/L 96
8) Chloroethane	2.93	64	104050	25.895	ug/L 98
9) Trichlorofluoromethane	3.26	101	147441	27.221	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	166137	25.812	ug/L 99
12) 1,1-Dichloroethene	4.04	96	154516	24.967	ug/L 94
13) Acetone	4.13	43	36402	38.707	ug/L 99
14) Carbon disulfide	4.39	76	415242	24.654	ug/L 99
15) Methyl Acetate	4.68	43	47936	20.565	ug/L 98
16) Methylene chloride	4.92	84	152996	22.758	ug/L 100
17) Methyl tert-butyl Ether	5.43	73	184147	24.367	ug/L 100
18) trans-1,2-Dichloroethene	5.43	96	157773	24.627	ug/L 97
19) 1,1-Dichloroethane	6.23	63	254936	25.117	ug/L 100
21) 2-Butanone	7.17	43	59639	39.495	ug/L 98
22) cis-1,2-Dichloroethene	7.17	96	164730	24.319	ug/L 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	78156	23.965	ug/L	98
25) Chloroform	7.68	83	277051	25.071	ug/L	100
27) 1,2-Dichloroethane	8.40	62	156450	23.625	ug/L	98
30) Cyclohexane	7.96	56	216677	25.006	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	245794	26.081	ug/L	99
32) Carbon tetrachloride	8.07	117	232275	25.542	ug/L	99
34) Benzene	8.33	78	598313	24.759	ug/L	100
35) Trichloroethene	9.09	95	166733	24.631	ug/L	100
36) Methylcyclohexane	9.34	83	272122	24.982	ug/L	100
40) 1,2-Dichloropropane	9.37	63	136077	24.089	ug/L	99
41) Bromodichloromethane	9.65	83	187994	24.062	ug/L	100
42) cis-1,3-Dichloropropene	10.07	75	220378	24.630	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	135018	38.741	ug/L	100
44) Toluene	10.39	91	663214	24.933	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	182754	23.784	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	109812	22.547	ug/L	99
47) Tetrachloroethene	10.87	164	151061	24.734	ug/L	97
49) 2-Hexanone	10.97	43	85160	40.531	ug/L	98
50) Dibromochloromethane	11.13	129	139344	23.484	ug/L	99
51) 1,2-Dibromoethane	11.24	107	104433	22.071	ug/L	99
52) Chlorobenzene	11.66	112	441567	24.544	ug/L	99
53) Ethylbenzene	11.73	91	736631	24.793	ug/L	100
54) m,p-Xylene	11.84	106	288392	24.814	ug/L	100
55) o-xylene	12.17	106	275582	24.982	ug/L	98
56) Styrene	12.18	104	468977	25.321	ug/L	98
57) Isopropylbenzene	12.46	105	768616	25.674	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	121362	21.570	ug/L	96
59) 1,2,3-Trichloropropane	12.77	75	85946	21.252	ug/L	100
62) Bromoform	12.35	173	77867	22.707	ug/L	96
63) 1,3-Dichlorobenzene	13.50	146	348443	25.073	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	348776	24.981	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	312263	24.917	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.49	75	17722	21.388	ug/L	98
67) 1,3,5-Trichlorobenzene	14.63	180	259738	25.364	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	205673	25.167	ug/L	98
69) Naphthalene	15.37	128	340778	22.660	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	175429	23.494	ug/L	99

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

