

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102820\
 Data File : VW017018.D
 Acq On : 28 Oct 2020 19:08
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02527

Quant Time: Oct 29 09:09:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 29 08:01:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	468066	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	445219	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	226141	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	110889	20.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.12%
7) Chloroethane-d5	2.89	69	94897	22.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.68%
10) 1,1-Dichloroethene-d2	4.03	63	242388	23.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.28%
20) 2-Butanone-d5	7.09	46	59105	58.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.16%
24) Chloroform-d	7.65	84	267150	24.74	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.96%
26) 1,2-Dichloroethane-d4	8.31	65	128192	25.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.92%
29) Benzene-d6	8.27	84	534736	23.38	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.52%
33) 1,2-Dichloropropane-d6	9.27	67	149392	24.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.80%
37) Toluene-d8	10.32	98	511129	23.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.96%
38) trans-1,3-Dichloropropene-	10.58	79	63585	24.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.08%
39) 2-Hexanone-d5	10.93	63	51412	59.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.62%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	124875	26.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	195308	24.57	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.28%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	134400	25.174	ug/L 99
3) Chloromethane	2.21	50	111706	24.241	ug/L 99
5) Vinyl chloride	2.37	62	175090	25.942	ug/L 99
6) Bromomethane	2.78	94	118594	25.872	ug/L 100
8) Chloroethane	2.93	64	103566	26.663	ug/L 96
9) Trichlorofluoromethane	3.26	101	125362	23.418	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	170145	26.370	ug/L 99
12) 1,1-Dichloroethene	4.05	96	159938	26.103	ug/L 92
13) Acetone	4.13	43	38755	56.598	ug/L 100
14) Carbon disulfide	4.39	76	462038	24.874	ug/L 98
15) Methyl Acetate	4.67	43	51554	28.838	ug/L 99
16) Methylene chloride	4.92	84	161889	26.159	ug/L 96
17) Methyl tert-butyl Ether	5.42	73	179553	26.883	ug/L 99
18) trans-1,2-Dichloroethene	5.43	96	170958	26.678	ug/L 98
19) 1,1-Dichloroethane	6.22	63	269170	27.428	ug/L 99
21) 2-Butanone	7.17	43	66320	57.874	ug/L 100
22) cis-1,2-Dichloroethene	7.17	96	177319	27.370	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	84241	28.168	ug/L	97
25) Chloroform	7.68	83	288187	27.585	ug/L	100
27) 1,2-Dichloroethane	8.40	62	165769	27.863	ug/L	98
30) Cyclohexane	7.96	56	237044	25.452	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	243357	25.247	ug/L	99
32) Carbon tetrachloride	8.07	117	240981	26.047	ug/L	98
34) Benzene	8.32	78	639362	25.995	ug/L	100
35) Trichloroethene	9.09	95	176602	25.926	ug/L	98
36) Methylcyclohexane	9.34	83	298563	26.099	ug/L	99
40) 1,2-Dichloropropane	9.37	63	147951	26.935	ug/L	100
41) Bromodichloromethane	9.65	83	200860	26.942	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	228983	26.659	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	148154	56.901	ug/L	98
44) Toluene	10.39	91	713224	26.765	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	196406	27.604	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	119777	27.243	ug/L	97
47) Tetrachloroethene	10.87	164	158761	25.337	ug/L	98
49) 2-Hexanone	10.97	43	97051	58.487	ug/L	99
50) Dibromochloromethane	11.13	129	150621	28.122	ug/L	98
51) 1,2-Dibromoethane	11.24	107	115978	27.669	ug/L	99
52) Chlorobenzene	11.66	112	477605	26.811	ug/L	100
53) Ethylbenzene	11.73	91	799391	26.712	ug/L	98
54) m,p-Xylene	11.84	106	313766	26.650	ug/L	98
55) o-xylene	12.17	106	295717	27.114	ug/L	92
56) Styrene	12.18	104	514394	28.193	ug/L	99
57) Isopropylbenzene	12.46	105	811857	26.912	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	133052	28.195	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	94098	27.863	ug/L	99
62) Bromoform	12.35	173	87627	27.575	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	374377	25.657	ug/L	91
64) 1,4-Dichlorobenzene	13.58	146	379898	26.118	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	349645	27.163	ug/L	90
66) 1,2-Dibromo-3-chloropropan	14.48	75	19751	28.207	ug/L	92
67) 1,3,5-Trichlorobenzene	14.63	180	298530	27.953	ug/L	97
68) 1,2,4-trichlorobenzene	15.13	180	239061	28.879	ug/L	98
69) Naphthalene	15.36	128	410626	30.581	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	201328	27.909	ug/L	97

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

