

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100920\
 Data File : VW016845.D
 Acq On : 08 Oct 2020 10:01
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02523

Quant Time: Oct 09 08:08:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 08 11:39:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	506664	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	464189	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	232446	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	130804	26.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.68%
7) Chloroethane-d5	2.89	69	109286	26.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.24%
10) 1,1-Dichloroethene-d2	4.02	63	275353	25.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	103.76%
20) 2-Butanone-d5	7.08	46	57877	51.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.24%
24) Chloroform-d	7.65	84	285784	26.73	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.92%
26) 1,2-Dichloroethane-d4	8.31	65	135751	26.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.16%
29) Benzene-d6	8.27	84	557174	26.43	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.72%
33) 1,2-Dichloropropane-d6	9.27	67	152189	26.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.44%
37) Toluene-d8	10.32	98	527207	26.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.00%
38) trans-1,3-Dichloropropene-	10.58	79	66363	26.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.24%
39) 2-Hexanone-d5	10.93	63	48240	55.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.12%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	121784	26.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.44%
61) 1,2-Dichlorobenzene-d4	13.85	152	198265	26.89	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.56%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	161198	26.618	ug/L	98
3) Chloromethane	2.21	50	133393	24.988	ug/L	99
5) Vinyl chloride	2.37	62	193747	27.957	ug/L	99
6) Bromomethane	2.78	94	132933	26.091	ug/L	100
8) Chloroethane	2.93	64	115721	27.055	ug/L	99
9) Trichlorofluoromethane	3.26	101	128418	23.983	ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	184126	26.992	ug/L	99
12) 1,1-Dichloroethene	4.04	96	173842	26.538	ug/L	96
13) Acetone	4.12	43	43110	50.319	ug/L	97
14) Carbon disulfide	4.39	76	498825	26.556	ug/L	100
15) Methyl Acetate	4.67	43	52549	25.671	ug/L	100
16) Methylene chloride	4.92	84	166790	23.853	ug/L	97
17) Methyl tert-butyl Ether	5.42	73	189889	25.904	ug/L	100
18) trans-1,2-Dichloroethene	5.42	96	181026	26.452	ug/L	96
19) 1,1-Dichloroethane	6.22	63	279134	26.487	ug/L	100
21) 2-Butanone	7.17	43	65660	45.653	ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	183897	26.335	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	85574	26.096	ug/L	95
25) Chloroform	7.68	83	302011	26.537	ug/L	99
27) 1,2-Dichloroethane	8.40	62	177394	26.056	ug/L	100
30) Cyclohexane	7.96	56	259328	26.939	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	265905	26.937	ug/L	99
32) Carbon tetrachloride	8.07	117	260844	27.078	ug/L	98
34) Benzene	8.32	78	666050	26.719	ug/L	100
35) Trichloroethene	9.09	95	186117	26.396	ug/L	99
36) Methylcyclohexane	9.34	83	315085	26.577	ug/L	100
40) 1,2-Dichloropropane	9.37	63	147658	26.196	ug/L	100
41) Bromodichloromethane	9.65	83	207206	26.167	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	240296	26.738	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	150969	53.200	ug/L	99
44) Toluene	10.39	91	729456	26.378	ug/L	95
45) trans-1,3-Dichloropropene	10.61	75	203377	26.893	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	120808	26.365	ug/L	98
47) Tetrachloroethene	10.87	164	167879	25.681	ug/L	99
49) 2-Hexanone	10.97	43	100124	53.455	ug/L	99
50) Dibromochloromethane	11.13	129	150860	26.483	ug/L	96
51) 1,2-Dibromoethane	11.24	107	116907	25.963	ug/L	95
52) Chlorobenzene	11.66	112	488292	26.311	ug/L	98
53) Ethylbenzene	11.73	91	826284	26.636	ug/L	99
54) m,p-Xylene	11.84	106	326647	27.074	ug/L	96
55) o-xylene	12.16	106	306578	26.596	ug/L	97
56) Styrene	12.18	104	519599	27.316	ug/L	94
57) Isopropylbenzene	12.46	105	839126	26.584	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	133810	26.424	ug/L	95
59) 1,2,3-Trichloropropane	12.77	75	96571	26.325	ug/L	99
62) Bromoform	12.35	173	88106	26.945	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	385048	26.028	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	391389	26.455	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	354577	26.770	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	19989	24.879	ug/L	97
67) 1,3,5-Trichlorobenzene	14.63	180	292545	26.604	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	241311	26.718	ug/L	97
69) Naphthalene	15.37	128	411025	27.482	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	207960	26.795	ug/L	97

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

