

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100820\
 Data File : VW016843.D
 Acq On : 07 Oct 2020 19:32
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02522

Quant Time: Oct 08 08:42:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 08 08:32:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	520790	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	477551	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	240631	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	118799	23.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.48%
7) Chloroethane-d5	2.89	69	98928	22.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.80%
10) 1,1-Dichloroethene-d2	4.03	63	249298	22.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.40%
20) 2-Butanone-d5	7.09	46	55395	47.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.20%
24) Chloroform-d	7.65	84	256046	23.30	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	8.31	65	123080	23.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.76%
29) Benzene-d6	8.28	84	488973	22.54	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.16%
33) 1,2-Dichloropropane-d6	9.27	67	136470	23.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.64%
37) Toluene-d8	10.33	98	466893	22.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.24%
38) trans-1,3-Dichloropropene-	10.58	79	58328	22.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.76%
39) 2-Hexanone-d5	10.93	63	46757	51.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	115092	24.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	173927	22.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.16%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	149900	24.081	ug/L 98
3) Chloromethane	2.21	50	131196	23.910	ug/L 99
5) Vinyl chloride	2.37	62	183754	25.796	ug/L 100
6) Bromomethane	2.79	94	129039	24.640	ug/L 99
8) Chloroethane	2.93	64	111533	25.368	ug/L 99
9) Trichlorofluoromethane	3.26	101	117032	21.263	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	173183	24.699	ug/L 99
12) 1,1-Dichloroethene	4.05	96	167192	24.830	ug/L 95
13) Acetone	4.15	43	40915	46.461	ug/L 100
14) Carbon disulfide	4.39	76	466839	24.179	ug/L 99
15) Methyl Acetate	4.68	43	55848	26.543	ug/L 98
16) Methylene chloride	4.93	84	174870	24.330	ug/L 99
17) Methyl tert-butyl Ether	5.43	73	194388	25.798	ug/L 100
18) trans-1,2-Dichloroethene	5.43	96	172197	24.479	ug/L 95
19) 1,1-Dichloroethane	6.22	63	268834	24.817	ug/L 99
21) 2-Butanone	7.18	43	68237	46.158	ug/L 99
22) cis-1,2-Dichloroethene	7.17	96	176801	24.632	ug/L 93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	85009	25.221	ug/L	94
25) Chloroform	7.68	83	295064	25.223	ug/L	99
27) 1,2-Dichloroethane	8.40	62	176194	25.178	ug/L	99
30) Cyclohexane	7.96	56	236680	23.899	ug/L	98
31) 1,1,1-Trichloroethane	7.88	97	248365	24.456	ug/L	99
32) Carbon tetrachloride	8.07	117	244250	24.646	ug/L	99
34) Benzene	8.32	78	645485	25.170	ug/L	100
35) Trichloroethene	9.09	95	179736	24.777	ug/L	99
36) Methylcyclohexane	9.34	83	286842	23.518	ug/L	99
40) 1,2-Dichloropropane	9.37	63	146210	25.213	ug/L	99
41) Bromodichloromethane	9.65	83	202422	24.847	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	230685	24.951	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	155922	53.408	ug/L	98
44) Toluene	10.39	91	701105	24.644	ug/L	94
45) trans-1,3-Dichloropropene	10.61	75	196563	25.265	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	121135	25.697	ug/L	98
47) Tetrachloroethene	10.87	164	161771	24.054	ug/L	97
49) 2-Hexanone	10.97	43	104320	54.136	ug/L	98
50) Dibromochloromethane	11.13	129	152498	26.022	ug/L	100
51) 1,2-Dibromoethane	11.24	107	120651	26.044	ug/L	96
52) Chlorobenzene	11.66	112	463049	24.253	ug/L	96
53) Ethylbenzene	11.73	91	798371	25.016	ug/L	98
54) m,p-Xylene	11.84	106	311366	25.085	ug/L	96
55) o-xylene	12.16	106	291010	24.539	ug/L	93
56) Styrene	12.18	104	505154	25.813	ug/L	96
57) Isopropylbenzene	12.46	105	797855	24.569	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	135600	26.028	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	98114	25.997	ug/L	98
62) Bromoform	12.35	173	83044	24.533	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	374255	24.438	ug/L	96
64) 1,4-Dichlorobenzene	13.58	146	361724	23.618	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	330277	24.087	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	20553	24.711	ug/L	93
67) 1,3,5-Trichlorobenzene	14.63	180	264276	23.216	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	212871	22.767	ug/L	98
69) Naphthalene	15.37	128	397347	25.664	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	195409	24.322	ug/L	98

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

