

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092120\
 Data File : VW016594.D
 Acq On : 21 Sep 2020 13:32
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.03G/10ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02525

Quant Time: Sep 21 17:57:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 18 11:42:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	624195	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	554105	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	283413	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	119120	19.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.88%
7) Chloroethane-d5	2.90	69	103456	20.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.88%
10) 1,1-Dichloroethene-d2	4.03	63	282331	20.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.60%
20) 2-Butanone-d5	7.08	46	82708	50.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.42%
24) Chloroform-d	7.65	84	315074	24.13	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.52%
26) 1,2-Dichloroethane-d4	8.31	65	163685	24.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.68%
29) Benzene-d6	8.27	84	536117	21.57	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.28%
33) 1,2-Dichloropropane-d6	9.27	67	159715	23.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.88%
37) Toluene-d8	10.32	98	495579	20.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.08%
38) trans-1,3-Dichloropropene-	10.58	79	80017	23.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.28%
39) 2-Hexanone-d5	10.93	63	67026	54.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.44%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	150612	26.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.12%
61) 1,2-Dichlorobenzene-d4	13.85	152	210395	23.23	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.92%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.02	85	196651	25.503	ug/L 99
3) Chloromethane	2.22	50	144586	25.626	ug/L 97
5) Vinyl chloride	2.37	62	219178	26.324	ug/L 97
6) Bromomethane	2.79	94	157404	24.914	ug/L 98
8) Chloroethane	2.93	64	126690	25.721	ug/L 99
9) Trichlorofluoromethane	3.27	101	186219	22.183	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.08	101	209152	26.007	ug/L 96
12) 1,1-Dichloroethene	4.04	96	202294	25.586	ug/L 98
13) Acetone	4.13	43	63450	49.173	ug/L 100
14) Carbon disulfide	4.39	76	596623	25.013	ug/L 99
15) Methyl Acetate	4.68	43	75745	25.779	ug/L 99
16) Methylene chloride	4.92	84	201628	20.944	ug/L 99
17) Methyl tert-butyl Ether	5.43	73	269277	24.866	ug/L 100
18) trans-1,2-Dichloroethene	5.43	96	213692	26.099	ug/L 98
19) 1,1-Dichloroethane	6.22	63	335445	25.907	ug/L 99
21) 2-Butanone	7.17	43	95695	43.592	ug/L 95
22) cis-1,2-Dichloroethene	7.17	96	222079	26.141	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	107518	26.033	ug/L	98
25) Chloroform	7.68	83	369252	26.156	ug/L	99
27) 1,2-Dichloroethane	8.40	62	236227	26.080	ug/L	98
30) Cyclohexane	7.96	56	306167	25.285	ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	333265	25.752	ug/L	100
32) Carbon tetrachloride	8.07	117	327428	26.042	ug/L	98
34) Benzene	8.32	78	768576	25.879	ug/L	100
35) Trichloroethene	9.09	95	223264	25.983	ug/L	99
36) Methylcyclohexane	9.34	83	370801	25.441	ug/L	99
40) 1,2-Dichloropropane	9.37	63	178156	25.792	ug/L	100
41) Bromodichloromethane	9.65	83	274162	26.784	ug/L	96
42) cis-1,3-Dichloropropene	10.07	75	311079	26.366	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	222187	50.628	ug/L	100
44) Toluene	10.39	91	882491	26.425	ug/L	95
45) trans-1,3-Dichloropropene	10.61	75	274326	26.723	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	151445	26.025	ug/L	97
47) Tetrachloroethene	10.87	164	197640	25.472	ug/L	96
49) 2-Hexanone	10.97	43	148974	53.487	ug/L	98
50) Dibromochloromethane	11.13	129	205051	26.989	ug/L	99
51) 1,2-Dibromoethane	11.24	107	153553	26.355	ug/L	98
52) Chlorobenzene	11.66	112	578031	25.768	ug/L	99
53) Ethylbenzene	11.73	91	998617	26.338	ug/L	95
54) m,p-Xylene	11.84	106	388316	26.155	ug/L	97
55) o-xylene	12.16	106	360053	25.314	ug/L	94
56) Styrene	12.18	104	619644	26.235	ug/L	98
57) Isopropylbenzene	12.46	105	1001253	25.762	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	171888	26.414	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	126461	26.091	ug/L	100
62) Bromoform	12.35	173	123424	25.819	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	484444	26.280	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	467561	25.899	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	426024	25.864	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	30312	25.673	ug/L	90
67) 1,3,5-Trichlorobenzene	14.63	180	349376	25.915	ug/L	97
68) 1,2,4-trichlorobenzene	15.13	180	296196	27.159	ug/L	99
69) Naphthalene	15.37	128	522839	27.043	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	245052	26.125	ug/L	98

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

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