

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091020\
 Data File : VW016534.D
 Acq On : 10 Sep 2020 19:08
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02518

Quant Time: Sep 11 06:16:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 11 06:07:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	555805	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	498565	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	246302	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	125979	21.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.44%
7) Chloroethane-d5	2.90	69	135415	25.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.28%
10) 1,1-Dichloroethene-d2	4.03	63	297467	21.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.76%
20) 2-Butanone-d5	7.09	46	85543	40.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.24%
24) Chloroform-d	7.65	84	335188	25.75	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.00%
26) 1,2-Dichloroethane-d4	8.31	65	177860	24.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.92%
29) Benzene-d6	8.28	84	621740	24.53	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.12%
33) 1,2-Dichloropropane-d6	9.27	67	181903	24.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.72%
37) Toluene-d8	10.33	98	603452	25.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.20%
38) trans-1,3-Dichloropropene-	10.58	79	86923	23.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.56%
39) 2-Hexanone-d5	10.93	63	70913	46.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.20%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	169327	26.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	219406	25.78	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.12%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.02	85	118754	19.097	ug/L	97
3) Chloromethane	2.22	50	125182	22.930	ug/L	100
5) Vinyl chloride	2.37	62	186300	26.792	ug/L	97
6) Bromomethane	2.79	94	167772	32.281	ug/L	100
8) Chloroethane	2.94	64	129026	30.162	ug/L	97
9) Trichlorofluoromethane	3.27	101	141084	24.774	ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.08	101	174305	25.878	ug/L	95
12) 1,1-Dichloroethene	4.05	96	169180	24.702	ug/L	98
13) Acetone	4.14	43	52898	39.135	ug/L	99
14) Carbon disulfide	4.40	76	507629	24.253	ug/L	100
15) Methyl Acetate	4.68	43	67561	20.609	ug/L	96
16) Methylene chloride	4.93	84	192305	22.170	ug/L	93
17) Methyl tert-butyl Ether	5.43	73	251347	24.463	ug/L	98
18) trans-1,2-Dichloroethene	5.43	96	182118	25.033	ug/L	93
19) 1,1-Dichloroethane	6.23	63	312333	25.225	ug/L	97
21) 2-Butanone	7.18	43	88174	38.866	ug/L	95
22) cis-1,2-Dichloroethene	7.18	96	196420	25.916	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	87275	24.843	ug/L	91
25) Chloroform	7.68	83	337137	26.307	ug/L	99
27) 1,2-Dichloroethane	8.40	62	220478	25.836	ug/L	99
30) Cyclohexane	7.96	56	276997	23.259	ug/L	94
31) 1,1,1-Trichloroethane	7.88	97	293579	27.194	ug/L	97
32) Carbon tetrachloride	8.07	117	275703	26.700	ug/L	96
34) Benzene	8.33	78	714057	26.195	ug/L	100
35) Trichloroethene	9.10	95	193619	25.634	ug/L	98
36) Methylcyclohexane	9.34	83	324537	24.558	ug/L	96
40) 1,2-Dichloropropane	9.37	63	170879	25.354	ug/L	100
41) Bromodichloromethane	9.65	83	250838	26.621	ug/L	100
42) cis-1,3-Dichloropropene	10.07	75	289159	25.282	ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	208883	43.768	ug/L	98
44) Toluene	10.39	91	812334	26.631	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	257682	25.205	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	138604	25.947	ug/L	99
47) Tetrachloroethene	10.87	164	150775	24.897	ug/L	87
49) 2-Hexanone	10.97	43	143278	43.108	ug/L	97
50) Dibromochloromethane	11.13	129	177868	26.333	ug/L	97
51) 1,2-Dibromoethane	11.24	107	140945	26.404	ug/L	100
52) Chlorobenzene	11.66	112	520466	26.898	ug/L	99
53) Ethylbenzene	11.73	91	936204	27.249	ug/L	98
54) m,p-Xylene	11.84	106	356421	27.143	ug/L	97
55) o-xylene	12.17	106	343391	27.453	ug/L	99
56) Styrene	12.18	104	592957	27.590	ug/L	97
57) Isopropylbenzene	12.47	105	939526	27.420	ug/L	98
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	169319	26.590	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	120981	25.420	ug/L	100
62) Bromoform	12.35	173	94805	22.939	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	405010	26.119	ug/L	91
64) 1,4-Dichlorobenzene	13.58	146	412195	26.808	ug/L	95
65) 1,2-Dichlorobenzene	13.87	146	360237	26.136	ug/L	93
66) 1,2-Dibromo-3-chloropropan	14.49	75	29490	22.977	ug/L	82
67) 1,3,5-Trichlorobenzene	14.63	180	258675	24.203	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	225915	24.438	ug/L	95
69) Naphthalene	15.37	128	487122	24.967	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	190892	24.050	ug/L	99

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

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