

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092920\
 Data File : VW016699.D
 Acq On : 29 Sep 2020 20:14
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02512

Quant Time: Sep 30 07:18:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 30 07:14:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	586435	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	529102	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	262033	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	94634	16.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.68%
7) Chloroethane-d5	2.90	69	90678	19.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.24%
10) 1,1-Dichloroethene-d2	4.04	63	241733	19.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.20%
20) 2-Butanone-d5	7.09	46	65265	42.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.34%
24) Chloroform-d	7.66	84	287955	23.47	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.88%
26) 1,2-Dichloroethane-d4	8.31	65	138302	21.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.84%
29) Benzene-d6	8.28	84	485455	20.46	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.84%
33) 1,2-Dichloropropane-d6	9.28	67	144342	22.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.80%
37) Toluene-d8	10.33	98	439703	18.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.36%
38) trans-1,3-Dichloropropene-	10.58	79	63443	19.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.28%
39) 2-Hexanone-d5	10.93	63	51490	44.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.04%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	126319	23.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	192976	23.05	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.03	85	170888	23.589	ug/L 99
3) Chloromethane	2.23	50	142255	26.836	ug/L 97
5) Vinyl chloride	2.38	62	205807	26.310	ug/L 97
6) Bromomethane	2.80	94	147155	24.792	ug/L 99
8) Chloroethane	2.94	64	123545	26.698	ug/L 99
9) Trichlorofluoromethane	3.28	101	178656	22.653	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.09	101	198322	26.248	ug/L 96
12) 1,1-Dichloroethene	4.06	96	194387	26.169	ug/L 87
13) Acetone	4.13	43	50061	41.295	ug/L 99
14) Carbon disulfide	4.40	76	535894	23.913	ug/L 99
15) Methyl Acetate	4.68	43	60195	21.806	ug/L 99
16) Methylene chloride	4.93	84	199673	22.076	ug/L 98
17) Methyl tert-butyl Ether	5.43	73	238766	23.468	ug/L 98
18) trans-1,2-Dichloroethene	5.44	96	204679	26.608	ug/L 97
19) 1,1-Dichloroethane	6.23	63	323411	26.586	ug/L 98
21) 2-Butanone	7.18	43	78343	37.986	ug/L 95
22) cis-1,2-Dichloroethene	7.18	96	217012	27.189	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	99592	25.667	ug/L	96
25) Chloroform	7.68	83	361403	27.249	ug/L	99
27) 1,2-Dichloroethane	8.41	62	213344	25.070	ug/L	98
30) Cyclohexane	7.96	56	282745	24.454	ug/L	98
31) 1,1,1-Trichloroethane	7.88	97	311873	25.238	ug/L	99
32) Carbon tetrachloride	8.07	117	304601	25.372	ug/L	100
34) Benzene	8.33	78	761351	26.847	ug/L	100
35) Trichloroethene	9.10	95	218168	26.590	ug/L	100
36) Methylcyclohexane	9.34	83	354022	25.438	ug/L	99
40) 1,2-Dichloropropane	9.37	63	173368	26.285	ug/L	100
41) Bromodichloromethane	9.65	83	252600	25.843	ug/L	96
42) cis-1,3-Dichloropropene	10.08	75	282836	25.105	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	174485	41.637	ug/L	97
44) Toluene	10.39	91	852441	26.732	ug/L	94
45) trans-1,3-Dichloropropene	10.61	75	240255	24.510	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	139445	25.095	ug/L	99
47) Tetrachloroethene	10.87	164	193401	26.104	ug/L	92
49) 2-Hexanone	10.97	43	117154	44.050	ug/L	96
50) Dibromochloromethane	11.13	129	180229	24.843	ug/L	98
51) 1,2-Dibromoethane	11.24	107	134640	24.201	ug/L	92
52) Chlorobenzene	11.66	112	570758	26.646	ug/L	98
53) Ethylbenzene	11.73	91	978462	27.026	ug/L	95
54) m,p-Xylene	11.84	106	376237	26.539	ug/L	97
55) o-xylene	12.17	106	362466	26.688	ug/L	98
56) Styrene	12.18	104	601753	26.682	ug/L	98
57) Isopropylbenzene	12.46	105	993158	26.761	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	147143	23.680	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	106128	22.931	ug/L	100
62) Bromoform	12.35	173	102186	23.121	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	469963	27.574	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	449230	26.914	ug/L	100
65) 1,2-Dichlorobenzene	13.87	146	405806	26.647	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	23375	21.413	ug/L	90
67) 1,3,5-Trichlorobenzene	14.63	180	335731	26.934	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	259765	25.762	ug/L	95
69) Naphthalene	15.36	128	446308	24.968	ug/L	97
70) 1,2,3-Trichlorobenzene	15.56	180	224491	25.886	ug/L	98

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

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