

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091720\
 Data File : VW016569.D
 Acq On : 17 Sep 2020 10:23
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02522

Quant Time: Sep 18 01:43:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 18 01:30:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	601170	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	518508	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	260066	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	123716	21.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.04%
7) Chloroethane-d5	2.90	69	109271	23.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.00%
10) 1,1-Dichloroethene-d2	4.03	63	297088	22.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.36%
20) 2-Butanone-d5	7.08	46	66642	42.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.02%
24) Chloroform-d	7.65	84	318804	25.35	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	8.31	65	150970	23.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.56%
29) Benzene-d6	8.28	84	546221	23.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.96%
33) 1,2-Dichloropropane-d6	9.28	67	158275	25.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.48%
37) Toluene-d8	10.33	98	506998	22.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.64%
38) trans-1,3-Dichloropropene-	10.58	79	77416	24.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.48%
39) 2-Hexanone-d5	10.93	63	53708	46.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.72%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	129799	24.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	210130	25.29	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.16%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.03	85	197827	26.638	ug/L	95
3) Chloromethane	2.23	50	148446	27.317	ug/L	97
5) Vinyl chloride	2.37	62	215654	26.893	ug/L	99
6) Bromomethane	2.79	94	160125	26.316	ug/L	97
8) Chloroethane	2.94	64	127388	26.853	ug/L	98
9) Trichlorofluoromethane	3.27	101	214387	26.517	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.08	101	208807	26.958	ug/L	98
12) 1,1-Dichloroethene	4.05	96	206167	27.075	ug/L	94
13) Acetone	4.14	43	49232	39.615	ug/L	99
14) Carbon disulfide	4.39	76	618934	26.942	ug/L	99
15) Methyl Acetate	4.68	43	60388	21.340	ug/L	99
16) Methylene chloride	4.92	84	199167	21.480	ug/L	98
17) Methyl tert-butyl Ether	5.43	73	252774	24.236	ug/L	100
18) trans-1,2-Dichloroethene	5.43	96	212564	26.956	ug/L	98
19) 1,1-Dichloroethane	6.23	63	334620	26.833	ug/L	100
21) 2-Butanone	7.18	43	77692	36.747	ug/L	96
22) cis-1,2-Dichloroethene	7.18	96	215766	26.371	ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	99123	24.920	ug/L	98
25) Chloroform	7.68	83	356874	26.248	ug/L	99
27) 1,2-Dichloroethane	8.40	62	217306	24.910	ug/L	98
30) Cyclohexane	7.96	56	313164	27.638	ug/L	100
31) 1,1,1-Trichloroethane	7.88	97	339174	28.008	ug/L	99
32) Carbon tetrachloride	8.07	117	336107	28.568	ug/L	97
34) Benzene	8.33	78	760628	27.369	ug/L	100
35) Trichloroethene	9.10	95	225711	28.071	ug/L	98
36) Methylcyclohexane	9.34	83	380995	27.935	ug/L	99
40) 1,2-Dichloropropane	9.37	63	173605	26.858	ug/L	99
41) Bromodichloromethane	9.65	83	258979	27.037	ug/L	96
42) cis-1,3-Dichloropropene	10.08	75	297310	26.929	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	181097	44.098	ug/L	100
44) Toluene	10.39	91	871154	27.877	ug/L	94
45) trans-1,3-Dichloropropene	10.61	75	253400	26.379	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	134322	24.667	ug/L	95
47) Tetrachloroethene	10.87	164	209175	28.810	ug/L	94
49) 2-Hexanone	10.97	43	119070	45.686	ug/L	99
50) Dibromochloromethane	11.13	129	185503	26.092	ug/L	100
51) 1,2-Dibromoethane	11.24	107	134190	24.613	ug/L	92
52) Chlorobenzene	11.66	112	571189	27.211	ug/L	99
53) Ethylbenzene	11.73	91	997680	28.120	ug/L	96
54) m,p-Xylene	11.84	106	389216	28.016	ug/L	98
55) o-xylene	12.17	106	366416	27.530	ug/L	96
56) Styrene	12.18	104	614315	27.795	ug/L	100
57) Isopropylbenzene	12.47	105	1027201	28.244	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	145939	23.966	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	102883	22.684	ug/L	99
62) Bromoform	12.35	173	106671	24.318	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	459350	27.155	ug/L	96
64) 1,4-Dichlorobenzene	13.58	146	439543	26.533	ug/L	91
65) 1,2-Dichlorobenzene	13.87	146	410851	27.182	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	24813	22.902	ug/L	95
67) 1,3,5-Trichlorobenzene	14.63	180	349513	28.252	ug/L	96
68) 1,2,4-trichlorobenzene	15.13	180	288688	28.847	ug/L	98
69) Naphthalene	15.37	128	455171	25.657	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	233498	27.128	ug/L	98

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

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