

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050820\
 Data File : VW015426.D
 Acq On : 08 May 2020 15:27
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02511

Quant Time: May 09 06:19:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM050420S.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 09 06:17:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	346671	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	315076	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	156200	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	93283	21.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.04%
7) Chloroethane-d5	2.89	69	92591	22.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.56%
10) 1,1-Dichloroethene-d2	4.02	63	194141	22.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.04%
20) 2-Butanone-d5	7.09	46	60094	51.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.74%
24) Chloroform-d	7.65	84	197915	22.60	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	8.31	65	115222	23.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.96%
29) Benzene-d6	8.27	84	384090	22.28	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.12%
33) 1,2-Dichloropropane-d6	9.27	67	120210	23.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.04%
37) Toluene-d8	10.32	98	369321	22.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.12%
38) trans-1,3-Dichloropropene-	10.58	79	55090	23.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.68%
39) 2-Hexanone-d5	10.92	63	49338	51.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	99925	25.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	123854	22.61	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.44%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	61458	20.201	ug/L	99
3) Chloromethane	2.21	50	68079	20.912	ug/L	97
5) Vinyl chloride	2.37	62	114306	22.598	ug/L	98
6) Bromomethane	2.78	94	78339	22.511	ug/L	99
8) Chloroethane	2.93	64	77525	22.930	ug/L	99
9) Trichlorofluoromethane	3.26	101	79522	21.565	ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	97764	23.795	ug/L	98
12) 1,1-Dichloroethene	4.04	96	95326	22.925	ug/L	91
13) Acetone	4.14	43	47150	53.745	ug/L	98
14) Carbon disulfide	4.38	76	282963	21.908	ug/L	99
15) Methyl Acetate	4.68	43	51950	27.074	ug/L	99
16) Methylene chloride	4.91	84	106178	21.385	ug/L	98
17) Methyl tert-butyl Ether	5.43	73	173082	25.603	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	104576	23.337	ug/L	98
19) 1,1-Dichloroethane	6.21	63	197465	23.397	ug/L	99
21) 2-Butanone	7.18	43	71305	54.061	ug/L	97
22) cis-1,2-Dichloroethene	7.17	96	113590	23.520	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	50571	25.123	ug/L	96
25) Chloroform	7.68	83	200348	24.011	ug/L	100
27) 1,2-Dichloroethane	8.40	62	143721	25.314	ug/L	98
30) Cyclohexane	7.95	56	189755	23.024	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	169596	23.985	ug/L	99
32) Carbon tetrachloride	8.07	117	155692	24.195	ug/L	99
34) Benzene	8.32	78	440282	23.885	ug/L	100
35) Trichloroethene	9.09	95	116186	23.521	ug/L	100
36) Methylcyclohexane	9.34	83	206078	23.496	ug/L	99
40) 1,2-Dichloropropane	9.37	63	112305	24.379	ug/L	100
41) Bromodichloromethane	9.64	83	150417	24.736	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	182631	24.551	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	157962	51.179	ug/L	99
44) Toluene	10.39	91	480980	23.875	ug/L	97
45) trans-1,3-Dichloropropene	10.60	75	163172	25.169	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	84255	26.088	ug/L	98
47) Tetrachloroethene	10.86	164	88726	23.943	ug/L	94
49) 2-Hexanone	10.97	43	110265	56.700	ug/L	99
50) Dibromochloromethane	11.13	129	100345	25.683	ug/L	99
51) 1,2-Dibromoethane	11.23	107	81450	26.428	ug/L	98
52) Chlorobenzene	11.66	112	305952	24.072	ug/L	98
53) Ethylbenzene	11.73	91	556090	23.668	ug/L	98
54) m,p-Xylene	11.84	106	209158	23.828	ug/L	99
55) o-xylene	12.16	106	203145	24.056	ug/L	99
56) Styrene	12.18	104	351009	24.345	ug/L	96
57) Isopropylbenzene	12.46	105	553821	23.741	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	104342	27.159	ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	80399	27.554	ug/L	99
62) Bromoform	12.35	173	58238	25.244	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	242928	24.458	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	234789	23.744	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	213113	24.391	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.48	75	18738	26.607	ug/L	95
67) 1,3,5-Trichlorobenzene	14.63	180	166687	24.407	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	142352	25.244	ug/L	95
69) Naphthalene	15.36	128	287981	27.213	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	121098	24.926	ug/L	100

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

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