

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032620\
 Data File : VW015143.D
 Acq On : 26 Mar 2020 08:56
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02517

Quant Time: Mar 27 01:00:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 25 14:13:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	651730	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	589616	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	259046	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	291982	25.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.76%
7) Chloroethane-d5	2.89	69	249954	26.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.72%
10) 1,1-Dichloroethene-d2	4.03	63	579413	25.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	102.44%
20) 2-Butanone-d5	7.08	46	140001	54.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.30%
24) Chloroform-d	7.65	84	518516	26.63	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.52%
26) 1,2-Dichloroethane-d4	8.31	65	298991	26.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.04%
29) Benzene-d6	8.27	84	1031682	27.34	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.36%
33) 1,2-Dichloropropane-d6	9.27	67	336595	26.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.40%
37) Toluene-d8	10.32	98	902950	28.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	112.28%
38) trans-1,3-Dichloropropene-	10.58	79	130149	27.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.52%
39) 2-Hexanone-d5	10.92	63	102632	55.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.86%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	223502	26.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	236611	26.25	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	113658	22.415	ug/L	99
3) Chloromethane	2.21	50	196630	20.971	ug/L	98
5) Vinyl chloride	2.37	62	285362	21.844	ug/L	97
6) Bromomethane	2.78	94	160502	22.258	ug/L	100
8) Chloroethane	2.93	64	179635	22.587	ug/L	99
9) Trichlorofluoromethane	3.26	101	173781	23.767	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	227363	22.351	ug/L	97
12) 1,1-Dichloroethene	4.04	96	217929	22.576	ug/L	98
13) Acetone	4.13	43	111887	48.933	ug/L	99
14) Carbon disulfide	4.39	76	797654	22.214	ug/L	100
15) Methyl Acetate	4.67	43	118951	22.023	ug/L	95
16) Methylene chloride	4.92	84	237526	21.323	ug/L	98
17) Methyl tert-butyl Ether	5.43	73	289904	23.128	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	227070	22.631	ug/L	99
19) 1,1-Dichloroethane	6.21	63	496397	23.088	ug/L	97
21) 2-Butanone	7.17	43	155247	47.938	ug/L	96
22) cis-1,2-Dichloroethene	7.17	96	231421	23.226	ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	91904	22.466	ug/L	98
25) Chloroform	7.67	83	446103	22.968	ug/L	100
27) 1,2-Dichloroethane	8.40	62	320014	22.941	ug/L	98
30) Cyclohexane	7.96	56	472596	24.566	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	356460	23.013	ug/L	99
32) Carbon tetrachloride	8.07	117	310438	23.100	ug/L	99
34) Benzene	8.32	78	1034560	23.718	ug/L	100
35) Trichloroethene	9.09	95	242755	22.862	ug/L	99
36) Methylcyclohexane	9.34	83	448113	24.564	ug/L	100
40) 1,2-Dichloropropane	9.37	63	280449	23.314	ug/L	100
41) Bromodichloromethane	9.64	83	317041	23.165	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	381499	24.137	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	326538	47.980	ug/L	98
44) Toluene	10.38	91	1040116	24.115	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	330870	23.940	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	159847	22.606	ug/L	99
47) Tetrachloroethene	10.86	164	154755	22.583	ug/L	97
49) 2-Hexanone	10.97	43	237286	52.278	ug/L	100
50) Dibromochloromethane	11.13	129	166258	22.870	ug/L	98
51) 1,2-Dibromoethane	11.23	107	141141	22.538	ug/L	100
52) Chlorobenzene	11.66	112	577947	22.924	ug/L	99
53) Ethylbenzene	11.73	91	1132185	24.302	ug/L	99
54) m,p-Xylene	11.84	106	398780	24.416	ug/L	96
55) o-xylene	12.16	106	371303	24.250	ug/L	97
56) Styrene	12.18	104	644224	24.721	ug/L	98
57) Isopropylbenzene	12.46	105	1040670	24.669	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	199142	22.501	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	147602	22.297	ug/L	98
62) Bromoform	12.35	173	81785	21.717	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	392553	23.122	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	391728	22.552	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	357361	23.129	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.48	75	30387	20.647	ug/L	95
67) 1,3,5-Trichlorobenzene	14.63	180	254554	23.290	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	193405	23.477	ug/L	99
69) Naphthalene	15.36	128	372740	23.271	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	174580	22.805	ug/L	99

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

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