

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042820\
 Data File : VW015373.D
 Acq On : 28 Apr 2020 20:48
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02528

Quant Time: Apr 29 02:07:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042820S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 29 02:04:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	359871	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	330178	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	181601	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	65809	25.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.44%
7) Chloroethane-d5	2.89	69	68582	22.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.92%
10) 1,1-Dichloroethene-d2	4.02	63	155214	23.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.76%
20) 2-Butanone-d5	7.07	46	43875	54.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.96%
24) Chloroform-d	7.65	84	186281	23.54	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.16%
26) 1,2-Dichloroethane-d4	8.30	65	97305	23.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.56%
29) Benzene-d6	8.27	84	355685	23.38	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.52%
33) 1,2-Dichloropropane-d6	9.27	67	99846	23.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.84%
37) Toluene-d8	10.32	98	361022	23.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.04%
38) trans-1,3-Dichloropropene-	10.58	79	51562	23.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.68%
39) 2-Hexanone-d5	10.92	63	40592	52.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.48%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	94223	26.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	152699	24.20	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	78868	23.266	ug/L 94
3) Chloromethane	2.21	50	65622	23.643	ug/L 99
5) Vinyl chloride	2.37	62	98235	29.311	ug/L 97
6) Bromomethane	2.78	94	81476	25.865	ug/L 99
8) Chloroethane	2.93	64	65964	25.364	ug/L 99
9) Trichlorofluoromethane	3.26	101	98150	25.006	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	108413	26.160	ug/L 99
12) 1,1-Dichloroethene	4.04	96	104341	25.772	ug/L 90
13) Acetone	4.12	43	32885	48.484	ug/L 98
14) Carbon disulfide	4.38	76	288205	26.079	ug/L 99
15) Methyl Acetate	4.67	43	36232	26.785	ug/L 100
16) Methylene chloride	4.91	84	107225	23.396	ug/L 98
17) Methyl tert-butyl Ether	5.42	73	164149	27.417	ug/L # 90
18) trans-1,2-Dichloroethene	5.42	96	113641	25.619	ug/L 98
19) 1,1-Dichloroethane	6.21	63	177827	25.740	ug/L 97
21) 2-Butanone	7.16	43	51811	50.506	ug/L 99
22) cis-1,2-Dichloroethene	7.16	96	123845	25.855	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	60777	26.427	ug/L	97
25) Chloroform	7.67	83	204085	25.971	ug/L	99
27) 1,2-Dichloroethane	8.40	62	131732	26.432	ug/L	99
30) Cyclohexane	7.95	56	160061	25.321	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	183683	25.859	ug/L	100
32) Carbon tetrachloride	8.07	117	174753	25.442	ug/L	98
34) Benzene	8.32	78	434174	25.656	ug/L	100
35) Trichloroethene	9.09	95	124621	25.597	ug/L	99
36) Methylcyclohexane	9.34	83	210310	25.624	ug/L	99
40) 1,2-Dichloropropane	9.37	63	99489	25.906	ug/L	100
41) Bromodichloromethane	9.65	83	152944	26.018	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	178641	26.568	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	120782	46.639	ug/L	99
44) Toluene	10.38	91	510708	26.004	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	157353	26.328	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	88075	26.721	ug/L	98
47) Tetrachloroethene	10.86	164	120301	25.900	ug/L	97
49) 2-Hexanone	10.97	43	79883	56.340	ug/L	99
50) Dibromochloromethane	11.13	129	117085	26.266	ug/L	99
51) 1,2-Dibromoethane	11.23	107	89189	27.140	ug/L	100
52) Chlorobenzene	11.66	112	344285	26.011	ug/L	96
53) Ethylbenzene	11.73	91	595014	26.195	ug/L	98
54) m,p-Xylene	11.83	106	232072	25.809	ug/L	99
55) o-xylene	12.16	106	225578	26.149	ug/L	99
56) Styrene	12.18	104	387397	26.748	ug/L	97
57) Isopropylbenzene	12.46	105	627571	26.718	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	102659	28.002	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	74390	27.823	ug/L	98
62) Bromoform	12.35	173	80895	27.106	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	297257	25.760	ug/L	100
64) 1,4-Dichlorobenzene	13.58	146	295177	25.855	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	268792	25.946	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.48	75	18349	27.072	ug/L	99
67) 1,3,5-Trichlorobenzene	14.63	180	226686	25.411	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	190518	25.986	ug/L	98
69) Naphthalene	15.36	128	329310	26.866	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	164943	26.052	ug/L	99

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

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