

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082420\
 Data File : VW016327.D
 Acq On : 24 Aug 2020 13:21
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02523

Quant Time: Aug 25 15:00:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 25 05:29:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	301779	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	277563	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	133713	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	67541	20.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.84%
7) Chloroethane-d5	2.89	69	55709	22.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.12%
10) 1,1-Dichloroethene-d2	4.03	63	173678	22.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.76%
20) 2-Butanone-d5	7.07	46	43746	47.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.48%
24) Chloroform-d	7.65	84	191785	24.38	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.52%
26) 1,2-Dichloroethane-d4	8.31	65	98814	24.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.48%
29) Benzene-d6	8.27	84	376029	24.26	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.04%
33) 1,2-Dichloropropane-d6	9.27	67	106801	24.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.64%
37) Toluene-d8	10.33	98	359489	24.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.36%
38) trans-1,3-Dichloropropene-	10.58	79	51472	24.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.48%
39) 2-Hexanone-d5	10.93	63	32506	47.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.64%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	90260	25.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	126489	24.67	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.68%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	75376	22.732	ug/L	99
3) Chloromethane	2.21	50	59508	22.985	ug/L	99
5) Vinyl chloride	2.37	62	81227	23.036	ug/L	98
6) Bromomethane	2.78	94	55166	23.931	ug/L	98
8) Chloroethane	2.93	64	49181	25.014	ug/L	97
9) Trichlorofluoromethane	3.26	101	85103	22.302	ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	100487	24.125	ug/L	98
12) 1,1-Dichloroethene	4.04	96	95313	23.791	ug/L	96
13) Acetone	4.12	43	34161	44.920	ug/L	99
14) Carbon disulfide	4.39	76	274721	23.128	ug/L	98
15) Methyl Acetate	4.67	43	36851	24.084	ug/L	95
16) Methylene chloride	4.92	84	111246	19.941	ug/L	97
17) Methyl tert-butyl Ether	5.43	73	147233	25.134	ug/L	99
18) trans-1,2-Dichloroethene	5.43	96	101146	24.034	ug/L	98
19) 1,1-Dichloroethane	6.22	63	171318	24.707	ug/L	100
21) 2-Butanone	7.17	43	49174	45.385	ug/L	100
22) cis-1,2-Dichloroethene	7.18	96	109479	24.736	ug/L	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	50944	25.094	ug/L	95
25) Chloroform	7.68	83	184375	24.690	ug/L	99
27) 1,2-Dichloroethane	8.40	62	115799	24.759	ug/L	96
30) Cyclohexane	7.96	56	145731	24.292	ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	162364	24.321	ug/L	100
32) Carbon tetrachloride	8.07	117	153780	24.260	ug/L	100
34) Benzene	8.33	78	400054	25.128	ug/L	100
35) Trichloroethene	9.10	95	108817	24.140	ug/L	98
36) Methylcyclohexane	9.34	83	177551	24.128	ug/L	99
40) 1,2-Dichloropropane	9.37	63	93136	24.875	ug/L	99
41) Bromodichloromethane	9.65	83	135118	25.476	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	159368	25.996	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	108968	48.676	ug/L	99
44) Toluene	10.39	91	434942	25.086	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	139539	25.744	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	77997	25.239	ug/L	95
47) Tetrachloroethene	10.87	164	84909	23.886	ug/L	97
49) 2-Hexanone	10.97	43	74413	51.310	ug/L	98
50) Dibromochloromethane	11.13	129	94590	24.576	ug/L	99
51) 1,2-Dibromoethane	11.24	107	75848	25.075	ug/L	99
52) Chlorobenzene	11.66	112	290498	25.086	ug/L	97
53) Ethylbenzene	11.73	91	506477	25.410	ug/L	99
54) m,p-Xylene	11.84	106	190557	24.876	ug/L	96
55) o-xylene	12.17	106	185348	25.756	ug/L	96
56) Styrene	12.18	104	315597	26.062	ug/L	100
57) Isopropylbenzene	12.47	105	504679	25.192	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	87952	24.390	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	64803	24.264	ug/L	99
62) Bromoform	12.35	173	53845	24.777	ug/L	97
63) 1,3-Dichlorobenzene	13.50	146	225280	25.000	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	223949	24.532	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	201997	25.104	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	15243	24.098	ug/L	99
67) 1,3,5-Trichlorobenzene	14.63	180	154498	24.845	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	126622	25.653	ug/L	99
69) Naphthalene	15.37	128	260858	26.903	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	111969	25.792	ug/L	98

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

