

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092320\
 Data File : VW016620.D
 Acq On : 22 Sep 2020 19:27
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02527

Quant Time: Sep 23 07:31:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 23 07:21:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	583101	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	523581	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	264499	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	94591	16.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.04%
7) Chloroethane-d5	2.90	69	86967	18.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.48%
10) 1,1-Dichloroethene-d2	4.04	63	259857	20.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.36%
20) 2-Butanone-d5	7.09	46	74315	48.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.58%
24) Chloroform-d	7.65	84	297218	24.37	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.48%
26) 1,2-Dichloroethane-d4	8.31	65	151626	24.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.84%
29) Benzene-d6	8.28	84	507698	21.62	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.48%
33) 1,2-Dichloropropane-d6	9.28	67	148850	23.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.56%
37) Toluene-d8	10.33	98	468548	20.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.12%
38) trans-1,3-Dichloropropene-	10.58	79	72599	22.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.52%
39) 2-Hexanone-d5	10.93	63	61104	52.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	138693	25.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.44%
61) 1,2-Dichlorobenzene-d4	13.85	152	206965	24.49	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.96%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.03	85	184815	25.657	ug/L 94
3) Chloromethane	2.23	50	116833	22.166	ug/L 99
5) Vinyl chloride	2.38	62	178606	22.963	ug/L 99
6) Bromomethane	2.79	94	138490	23.465	ug/L 99
8) Chloroethane	2.94	64	110223	23.955	ug/L 100
9) Trichlorofluoromethane	3.28	101	184763	23.561	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.09	101	201735	26.852	ug/L 98
12) 1,1-Dichloroethene	4.06	96	192324	26.039	ug/L 92
13) Acetone	4.14	43	55347	45.916	ug/L 98
14) Carbon disulfide	4.40	76	547158	24.555	ug/L 100
15) Methyl Acetate	4.68	43	68943	25.118	ug/L 99
16) Methylene chloride	4.93	84	228838	25.445	ug/L 99
17) Methyl tert-butyl Ether	5.43	73	265209	26.216	ug/L 96
18) trans-1,2-Dichloroethene	5.44	96	203975	26.668	ug/L 95
19) 1,1-Dichloroethane	6.23	63	320419	26.490	ug/L 98
21) 2-Butanone	7.18	43	86972	42.411	ug/L 96
22) cis-1,2-Dichloroethene	7.18	96	211100	26.600	ug/L 93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	101833	26.394	ug/L	95
25) Chloroform	7.68	83	356937	27.066	ug/L	100
27) 1,2-Dichloroethane	8.40	62	225539	26.654	ug/L	100
30) Cyclohexane	7.96	56	292396	25.555	ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	320992	26.250	ug/L	99
32) Carbon tetrachloride	8.07	117	319793	26.918	ug/L	97
34) Benzene	8.33	78	737343	26.274	ug/L	100
35) Trichloroethene	9.10	95	217119	26.741	ug/L	99
36) Methylcyclohexane	9.34	83	354168	25.717	ug/L	100
40) 1,2-Dichloropropane	9.37	63	169159	25.917	ug/L	100
41) Bromodichloromethane	9.65	83	255882	26.455	ug/L	97
42) cis-1,3-Dichloropropene	10.07	75	290826	26.086	ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	201801	48.663	ug/L	99
44) Toluene	10.39	91	892329	28.277	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	257019	26.497	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	145877	26.530	ug/L	98
47) Tetrachloroethene	10.87	164	199430	27.201	ug/L	95
49) 2-Hexanone	10.97	43	135781	51.593	ug/L	98
50) Dibromochloromethane	11.13	129	192421	26.803	ug/L	96
51) 1,2-Dibromoethane	11.24	107	143585	26.081	ug/L	96
52) Chlorobenzene	11.66	112	565816	26.694	ug/L	99
53) Ethylbenzene	11.73	91	969281	27.055	ug/L	97
54) m,p-Xylene	11.84	106	387123	27.595	ug/L	93
55) o-xylene	12.17	106	367543	27.347	ug/L	98
56) Styrene	12.18	104	608558	27.268	ug/L	98
57) Isopropylbenzene	12.47	105	1015788	27.660	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	161008	26.185	ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	118712	25.920	ug/L	99
62) Bromoform	12.35	173	116257	26.059	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	467618	27.181	ug/L	93
64) 1,4-Dichlorobenzene	13.58	146	459296	27.261	ug/L	95
65) 1,2-Dichlorobenzene	13.87	146	420102	27.328	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	28703	26.049	ug/L	90
67) 1,3,5-Trichlorobenzene	14.63	180	353456	28.092	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	293029	28.790	ug/L	98
69) Naphthalene	15.37	128	551354	30.558	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	254499	29.073	ug/L	99

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

