

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW093020\
 Data File : VW016723.D
 Acq On : 30 Sep 2020 19:37
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02514

Quant Time: Oct 01 05:08:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 01 05:05:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	567890	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	520158	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	260790	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	84510	15.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.48%
7) Chloroethane-d5	2.90	69	82420	18.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.44%
10) 1,1-Dichloroethene-d2	4.04	63	239312	19.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.88%
20) 2-Butanone-d5	7.09	46	63726	42.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.04%
24) Chloroform-d	7.66	84	289052	24.33	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.32%
26) 1,2-Dichloroethane-d4	8.31	65	139751	22.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.68%
29) Benzene-d6	8.28	84	471363	20.21	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.84%
33) 1,2-Dichloropropane-d6	9.28	67	143407	22.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.72%
37) Toluene-d8	10.33	98	436810	19.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.12%
38) trans-1,3-Dichloropropene-	10.58	79	63649	19.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.88%
39) 2-Hexanone-d5	10.93	63	53044	46.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.26%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	131006	24.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.40%
61) 1,2-Dichlorobenzene-d4	13.86	152	198447	23.82	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.28%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.03	85	175878	25.070	ug/L 99
3) Chloromethane	2.23	50	131090	25.537	ug/L 99
5) Vinyl chloride	2.38	62	199939	26.394	ug/L 97
6) Bromomethane	2.79	94	141972	24.700	ug/L 98
8) Chloroethane	2.94	64	118597	26.465	ug/L 98
9) Trichlorofluoromethane	3.28	101	181660	23.786	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.09	101	203463	27.808	ug/L 98
12) 1,1-Dichloroethene	4.06	96	197133	27.406	ug/L 88
13) Acetone	4.14	43	49684	42.322	ug/L 97
14) Carbon disulfide	4.40	76	526678	24.269	ug/L 100
15) Methyl Acetate	4.68	43	61067	22.844	ug/L 98
16) Methylene chloride	4.93	84	202827	23.157	ug/L 99
17) Methyl tert-butyl Ether	5.44	73	253838	25.764	ug/L 98
18) trans-1,2-Dichloroethene	5.43	96	208865	28.039	ug/L 98
19) 1,1-Dichloroethane	6.23	63	331421	28.134	ug/L 100
21) 2-Butanone	7.18	43	78783	39.446	ug/L 95
22) cis-1,2-Dichloroethene	7.18	96	221764	28.692	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	102427	27.259	ug/L	94
25) Chloroform	7.68	83	370565	28.852	ug/L	99
27) 1,2-Dichloroethane	8.41	62	223719	27.148	ug/L	100
30) Cyclohexane	7.96	56	286861	25.236	ug/L	98
31) 1,1,1-Trichloroethane	7.88	97	325964	26.832	ug/L	99
32) Carbon tetrachloride	8.07	117	322286	27.306	ug/L	98
34) Benzene	8.33	78	759914	27.257	ug/L	100
35) Trichloroethene	9.10	95	224670	27.853	ug/L	99
36) Methylcyclohexane	9.34	83	359917	26.306	ug/L	99
40) 1,2-Dichloropropane	9.37	63	174144	26.856	ug/L	99
41) Bromodichloromethane	9.65	83	258969	26.950	ug/L	97
42) cis-1,3-Dichloropropene	10.08	75	291231	26.294	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	179958	43.682	ug/L	97
44) Toluene	10.39	91	874696	27.901	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	246991	25.631	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	141193	25.847	ug/L	98
47) Tetrachloroethene	10.87	164	195278	26.810	ug/L	83
49) 2-Hexanone	10.97	43	120302	46.012	ug/L	96
50) Dibromochloromethane	11.13	129	191374	26.833	ug/L	99
51) 1,2-Dibromoethane	11.24	107	142524	26.058	ug/L	94
52) Chlorobenzene	11.66	112	591928	28.109	ug/L	98
53) Ethylbenzene	11.73	91	987786	27.752	ug/L	95
54) m,p-Xylene	11.84	106	392824	28.186	ug/L	97
55) o-xylene	12.17	106	372933	27.931	ug/L	92
56) Styrene	12.18	104	625955	28.232	ug/L	99
57) Isopropylbenzene	12.47	105	1036252	28.403	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	153983	25.207	ug/L	96
59) 1,2,3-Trichloropropane	12.77	75	112709	24.771	ug/L	99
62) Bromoform	12.35	173	104709	23.805	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	475609	28.039	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	459378	27.654	ug/L	95
65) 1,2-Dichlorobenzene	13.87	146	410035	27.053	ug/L	91
66) 1,2-Dibromo-3-chloropropan	14.49	75	24565	22.610	ug/L	88
67) 1,3,5-Trichlorobenzene	14.63	180	350213	28.230	ug/L	95
68) 1,2,4-trichlorobenzene	15.13	180	294066	29.302	ug/L	99
69) Naphthalene	15.37	128	482350	27.113	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	245891	28.489	ug/L	97

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

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