

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101720\
 Data File : VW016935.D
 Acq On : 16 Oct 2020 18:49
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02514

Quant Time: Oct 17 00:45:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 17 00:37:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	482160	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	437847	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	225381	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	105860	22.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.04%
7) Chloroethane-d5	2.89	69	94295	23.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.52%
10) 1,1-Dichloroethene-d2	4.03	63	230360	22.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.24%
20) 2-Butanone-d5	7.08	46	61625	57.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.40%
24) Chloroform-d	7.65	84	271595	26.69	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.76%
26) 1,2-Dichloroethane-d4	8.31	65	130182	26.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.96%
29) Benzene-d6	8.28	84	519628	26.13	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.52%
33) 1,2-Dichloropropane-d6	9.27	67	148924	27.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.48%
37) Toluene-d8	10.32	98	485541	25.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.52%
38) trans-1,3-Dichloropropene-	10.58	79	61148	25.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.76%
39) 2-Hexanone-d5	10.93	63	52402	63.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.80%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	126913	29.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	195647	27.37	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.48%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	110206	19.123	ug/L 92
3) Chloromethane	2.21	50	94836	18.668	ug/L 99
5) Vinyl chloride	2.37	62	152144	23.069	ug/L 98
6) Bromomethane	2.78	94	102300	21.099	ug/L 100
8) Chloroethane	2.93	64	89621	22.018	ug/L 99
9) Trichlorofluoromethane	3.26	101	100415	19.706	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	149906	23.092	ug/L 98
12) 1,1-Dichloroethene	4.05	96	139367	22.356	ug/L 96
13) Acetone	4.12	43	33002	40.478	ug/L 99
14) Carbon disulfide	4.39	76	374638	20.958	ug/L 99
15) Methyl Acetate	4.67	43	44368	22.776	ug/L 99
16) Methylene chloride	4.92	84	143751	21.603	ug/L 98
17) Methyl tert-butyl Ether	5.43	73	158661	22.744	ug/L 100
18) trans-1,2-Dichloroethene	5.43	96	145336	22.316	ug/L 99
19) 1,1-Dichloroethane	6.22	63	231884	23.121	ug/L 97
21) 2-Butanone	7.17	43	57904	42.307	ug/L 99
22) cis-1,2-Dichloroethene	7.17	96	152864	23.004	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	72633	23.276	ug/L	96
25) Chloroform	7.68	83	253840	23.438	ug/L	99
27) 1,2-Dichloroethane	8.40	62	147576	22.778	ug/L	100
30) Cyclohexane	7.96	56	199729	21.996	ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	214151	22.999	ug/L	99
32) Carbon tetrachloride	8.07	117	204090	22.461	ug/L	100
34) Benzene	8.32	78	549728	23.380	ug/L	100
35) Trichloroethene	9.09	95	153120	23.022	ug/L	98
36) Methylcyclohexane	9.34	83	250700	22.418	ug/L	99
40) 1,2-Dichloropropane	9.37	63	127328	23.948	ug/L	100
41) Bromodichloromethane	9.65	83	176936	23.688	ug/L	97
42) cis-1,3-Dichloropropene	10.07	75	200173	23.614	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	132013	49.319	ug/L	99
44) Toluene	10.39	91	617521	23.674	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	167442	23.473	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	104648	24.212	ug/L	99
47) Tetrachloroethene	10.87	164	140802	22.835	ug/L	89
49) 2-Hexanone	10.97	43	89292	50.540	ug/L	98
50) Dibromochloromethane	11.13	129	127908	23.805	ug/L	98
51) 1,2-Dibromoethane	11.24	107	100050	23.556	ug/L	99
52) Chlorobenzene	11.66	112	400401	22.873	ug/L	96
53) Ethylbenzene	11.73	91	686349	23.456	ug/L	98
54) m,p-Xylene	11.84	106	270181	23.741	ug/L	100
55) o-xylene	12.17	106	258683	23.791	ug/L	99
56) Styrene	12.18	104	433530	24.162	ug/L	96
57) Isopropylbenzene	12.46	105	712905	23.944	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	115585	24.198	ug/L	95
59) 1,2,3-Trichloropropane	12.77	75	82651	23.886	ug/L	100
62) Bromoform	12.35	173	70947	22.377	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	332939	23.211	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	325658	22.702	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	293436	22.848	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	17202	22.082	ug/L	92
67) 1,3,5-Trichlorobenzene	14.63	180	245460	23.022	ug/L	97
68) 1,2,4-trichlorobenzene	15.13	180	199842	22.820	ug/L	98
69) Naphthalene	15.36	128	341118	23.523	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	174509	23.190	ug/L	96

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

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