

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100820\
 Data File : VW016824.D
 Acq On : 07 Oct 2020 09:59
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTD02521

Quant Time: Oct 08 08:22:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 07 03:05:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	610181	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	541269	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	276122	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	146341	24.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.24%
7) Chloroethane-d5	2.89	69	119753	23.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.88%
10) 1,1-Dichloroethene-d2	4.03	63	301318	23.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.28%
20) 2-Butanone-d5	7.08	46	56273	41.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.54%
24) Chloroform-d	7.65	84	302400	23.49	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.96%
26) 1,2-Dichloroethane-d4	8.31	65	140762	22.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.56%
29) Benzene-d6	8.27	84	597516	24.31	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.24%
33) 1,2-Dichloropropane-d6	9.27	67	160930	24.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.44%
37) Toluene-d8	10.32	98	570054	24.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.32%
38) trans-1,3-Dichloropropene-	10.58	79	70326	24.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.56%
39) 2-Hexanone-d5	10.93	63	47373	46.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	120478	22.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	207755	23.72	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.88%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	174739	23.959	ug/L 96
3) Chloromethane	2.22	50	151069	23.498	ug/L 99
5) Vinyl chloride	2.37	62	207677	24.883	ug/L 100
6) Bromomethane	2.78	94	140575	22.910	ug/L 99
8) Chloroethane	2.93	64	121877	23.660	ug/L 97
9) Trichlorofluoromethane	3.26	101	129524	20.086	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	197567	24.049	ug/L 99
12) 1,1-Dichloroethene	4.05	96	188071	23.839	ug/L 97
13) Acetone	4.13	43	40424	39.179	ug/L 99
14) Carbon disulfide	4.39	76	540659	23.900	ug/L 99
15) Methyl Acetate	4.67	43	50677	20.557	ug/L 98
16) Methylene chloride	4.92	84	171508	20.367	ug/L 97
17) Methyl tert-butyl Ether	5.43	73	192686	21.826	ug/L # 90
18) trans-1,2-Dichloroethene	5.43	96	194312	23.577	ug/L 96
19) 1,1-Dichloroethane	6.21	63	298209	23.496	ug/L 99
21) 2-Butanone	7.17	43	66577	38.438	ug/L 100
22) cis-1,2-Dichloroethene	7.17	96	194404	23.117	ug/L 93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	90258	22.855	ug/L	99
25) Chloroform	7.68	83	323815	23.626	ug/L	98
27) 1,2-Dichloroethane	8.40	62	182705	22.283	ug/L	99
30) Cyclohexane	7.96	56	275022	24.501	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	278782	24.220	ug/L	99
32) Carbon tetrachloride	8.07	117	280710	24.991	ug/L	100
34) Benzene	8.32	78	702048	24.153	ug/L	100
35) Trichloroethene	9.09	95	198130	24.098	ug/L	100
36) Methylcyclohexane	9.34	83	332913	24.082	ug/L	99
40) 1,2-Dichloropropane	9.37	63	154258	23.469	ug/L	100
41) Bromodichloromethane	9.65	83	221550	23.994	ug/L	97
42) cis-1,3-Dichloropropene	10.07	75	249707	23.829	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	147704	44.637	ug/L	98
44) Toluene	10.39	91	779411	24.171	ug/L	97
45) trans-1,3-Dichloropropene	10.61	75	209880	23.801	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	123791	23.169	ug/L	99
47) Tetrachloroethene	10.86	164	179933	23.605	ug/L	97
49) 2-Hexanone	10.97	43	98632	45.159	ug/L	99
50) Dibromochloromethane	11.13	129	158422	23.850	ug/L	99
51) 1,2-Dibromoethane	11.24	107	120721	22.992	ug/L	95
52) Chlorobenzene	11.66	112	509675	23.552	ug/L	99
53) Ethylbenzene	11.73	91	884529	24.453	ug/L	99
54) m,p-Xylene	11.84	106	348005	24.737	ug/L	99
55) o-xylene	12.16	106	329064	24.481	ug/L	95
56) Styrene	12.18	104	544521	24.549	ug/L	99
57) Isopropylbenzene	12.46	105	908969	24.695	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	134143	22.717	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	94679	22.133	ug/L	99
62) Bromoform	12.35	173	89549	23.054	ug/L	97
63) 1,3-Dichlorobenzene	13.50	146	419501	23.872	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	415537	23.644	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	369303	23.471	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	20067	21.026	ug/L	98
67) 1,3,5-Trichlorobenzene	14.63	180	319751	24.479	ug/L	95
68) 1,2,4-trichlorobenzene	15.13	180	253550	23.632	ug/L	95
69) Naphthalene	15.37	128	411561	23.165	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	218618	23.713	ug/L	98

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

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