

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102320\
 Data File : VW016986.D
 Acq On : 23 Oct 2020 16:55
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02523

Quant Time: Oct 24 00:34:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 24 00:31:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	516048	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	468577	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	239390	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	123772	20.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.12%
7) Chloroethane-d5	2.89	69	100535	21.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.16%
10) 1,1-Dichloroethene-d2	4.03	63	267136	23.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.24%
20) 2-Butanone-d5	7.09	46	47762	42.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.14%
24) Chloroform-d	7.65	84	268844	22.59	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.36%
26) 1,2-Dichloroethane-d4	8.31	65	122457	21.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.44%
29) Benzene-d6	8.28	84	534962	22.23	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.92%
33) 1,2-Dichloropropane-d6	9.27	67	145868	22.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.80%
37) Toluene-d8	10.33	98	511641	22.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.32%
38) trans-1,3-Dichloropropene-	10.58	79	61512	22.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.24%
39) 2-Hexanone-d5	10.93	63	42700	46.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.62%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	109756	22.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.72%
61) 1,2-Dichlorobenzene-d4	13.86	152	189037	22.47	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.88%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	158393	26.910	ug/L 98
3) Chloromethane	2.21	50	126456	24.891	ug/L 100
5) Vinyl chloride	2.37	62	200518	26.947	ug/L 97
6) Bromomethane	2.79	94	132347	26.187	ug/L 100
8) Chloroethane	2.93	64	116857	27.287	ug/L 99
9) Trichlorofluoromethane	3.26	101	159562	27.035	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	192274	27.029	ug/L 98
12) 1,1-Dichloroethene	4.04	96	183362	27.143	ug/L 96
13) Acetone	4.15	43	36964	48.963	ug/L 99
14) Carbon disulfide	4.39	76	536415	26.193	ug/L 100
15) Methyl Acetate	4.68	43	49074	24.898	ug/L 98
16) Methylene chloride	4.93	84	175826	25.770	ug/L 94
17) Methyl tert-butyl Ether	5.43	73	196188	26.642	ug/L 99
18) trans-1,2-Dichloroethene	5.43	96	189553	26.830	ug/L 98
19) 1,1-Dichloroethane	6.22	63	292534	27.037	ug/L 99
21) 2-Butanone	7.18	43	59059	46.746	ug/L 97
22) cis-1,2-Dichloroethene	7.18	96	192579	26.961	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	88727	26.909	ug/L	98
25) Chloroform	7.68	83	314951	27.344	ug/L	99
27) 1,2-Dichloroethane	8.40	62	174828	26.654	ug/L	98
30) Cyclohexane	7.96	56	269895	27.535	ug/L	100
31) 1,1,1-Trichloroethane	7.88	97	272684	26.880	ug/L	99
32) Carbon tetrachloride	8.07	117	265746	27.291	ug/L	97
34) Benzene	8.33	78	702773	27.149	ug/L	100
35) Trichloroethene	9.10	95	192198	26.809	ug/L	99
36) Methylcyclohexane	9.34	83	333662	27.713	ug/L	99
40) 1,2-Dichloropropane	9.37	63	155616	26.919	ug/L	100
41) Bromodichloromethane	9.65	83	213747	27.242	ug/L	98
42) cis-1,3-Dichloropropene	10.08	75	243398	26.925	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	142394	51.963	ug/L	100
44) Toluene	10.39	91	775898	27.665	ug/L	97
45) trans-1,3-Dichloropropene	10.61	75	203744	27.208	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	122693	26.515	ug/L	99
47) Tetrachloroethene	10.86	164	174115	26.402	ug/L	92
49) 2-Hexanone	10.97	43	92691	53.075	ug/L	99
50) Dibromochloromethane	11.13	129	154065	27.331	ug/L	97
51) 1,2-Dibromoethane	11.24	107	115692	26.225	ug/L	98
52) Chlorobenzene	11.66	112	508975	27.147	ug/L	98
53) Ethylbenzene	11.73	91	867738	27.550	ug/L	99
54) m,p-Xylene	11.84	106	344752	27.822	ug/L	98
55) o-xylene	12.17	106	323971	28.224	ug/L	93
56) Styrene	12.18	104	545665	28.416	ug/L	99
57) Isopropylbenzene	12.46	105	891897	28.092	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	130584	26.292	ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	92733	26.090	ug/L	99
62) Bromoform	12.35	173	84418	25.095	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	407408	26.375	ug/L	91
64) 1,4-Dichlorobenzene	13.58	146	406659	26.410	ug/L	96
65) 1,2-Dichlorobenzene	13.87	146	366690	26.911	ug/L	95
66) 1,2-Dibromo-3-chloropropan	14.49	75	18683	25.205	ug/L	96
67) 1,3,5-Trichlorobenzene	14.63	180	304989	26.977	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	243886	27.831	ug/L	98
69) Naphthalene	15.37	128	394979	27.788	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	217048	28.423	ug/L	98

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

