

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102220\
 Data File : VW016973.D
 Acq On : 22 Oct 2020 17:21
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02521

Quant Time: Oct 23 02:56:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 22 12:40:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	542224	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	489940	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	248717	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	137976	22.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.20%
7) Chloroethane-d5	2.89	69	109854	22.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.64%
10) 1,1-Dichloroethene-d2	4.03	63	281375	23.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.48%
20) 2-Butanone-d5	7.09	46	55108	46.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.50%
24) Chloroform-d	7.65	84	290410	23.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.88%
26) 1,2-Dichloroethane-d4	8.31	65	135258	22.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.92%
29) Benzene-d6	8.28	84	586399	23.30	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.20%
33) 1,2-Dichloropropane-d6	9.27	67	159887	23.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.16%
37) Toluene-d8	10.33	98	562603	23.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.96%
38) trans-1,3-Dichloropropene-	10.58	79	70729	24.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.12%
39) 2-Hexanone-d5	10.93	63	48443	50.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	124945	24.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	213726	24.45	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	153814	24.870	ug/L 98
3) Chloromethane	2.21	50	123852	23.201	ug/L 99
5) Vinyl chloride	2.37	62	189273	24.208	ug/L 100
6) Bromomethane	2.79	94	126770	23.873	ug/L 99
8) Chloroethane	2.93	64	109968	24.439	ug/L 98
9) Trichlorofluoromethane	3.26	101	146819	23.675	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	182558	24.425	ug/L 99
12) 1,1-Dichloroethene	4.04	96	176394	24.851	ug/L 99
13) Acetone	4.15	43	34563	43.573	ug/L 97
14) Carbon disulfide	4.39	76	509343	23.670	ug/L 100
15) Methyl Acetate	4.68	43	49017	23.669	ug/L 100
16) Methylene chloride	4.93	84	186984	26.082	ug/L 93
17) Methyl tert-butyl Ether	5.43	73	190906	24.674	ug/L 100
18) trans-1,2-Dichloroethene	5.43	96	183344	24.698	ug/L 99
19) 1,1-Dichloroethane	6.22	63	281229	24.737	ug/L 99
21) 2-Butanone	7.18	43	60509	45.581	ug/L 99
22) cis-1,2-Dichloroethene	7.18	96	185603	24.730	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	85581	24.702	ug/L	95
25) Chloroform	7.68	83	300512	24.831	ug/L	100
27) 1,2-Dichloroethane	8.40	62	170603	24.754	ug/L	97
30) Cyclohexane	7.96	56	259696	25.339	ug/L	98
31) 1,1,1-Trichloroethane	7.88	97	264549	24.941	ug/L	99
32) Carbon tetrachloride	8.07	117	253559	24.904	ug/L	99
34) Benzene	8.33	78	676892	25.009	ug/L	100
35) Trichloroethene	9.09	95	185696	24.773	ug/L	99
36) Methylcyclohexane	9.34	83	325630	25.866	ug/L	99
40) 1,2-Dichloropropane	9.37	63	150862	24.958	ug/L	100
41) Bromodichloromethane	9.65	83	207125	25.247	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	241534	25.554	ug/L	96
43) 4-Methyl-2-pentanone	10.21	43	143082	49.937	ug/L	99
44) Toluene	10.39	91	742938	25.335	ug/L	97
45) trans-1,3-Dichloropropene	10.61	75	202915	25.915	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	120348	24.875	ug/L	97
47) Tetrachloroethene	10.87	164	170269	24.693	ug/L	94
49) 2-Hexanone	10.97	43	95263	52.169	ug/L	100
50) Dibromochloromethane	11.13	129	151058	25.629	ug/L	94
51) 1,2-Dibromoethane	11.24	107	115631	25.068	ug/L	97
52) Chlorobenzene	11.66	112	494930	25.247	ug/L	99
53) Ethylbenzene	11.73	91	849668	25.800	ug/L	97
54) m,p-Xylene	11.84	106	330025	25.472	ug/L	99
55) o-xylene	12.17	106	312368	26.027	ug/L	94
56) Styrene	12.18	104	519433	25.871	ug/L	99
57) Isopropylbenzene	12.46	105	859007	25.876	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	130867	25.200	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	92438	24.873	ug/L	98
62) Bromoform	12.35	173	84725	24.242	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	392239	24.441	ug/L	92
64) 1,4-Dichlorobenzene	13.58	146	391415	24.467	ug/L	95
65) 1,2-Dichlorobenzene	13.87	146	363569	25.681	ug/L	95
66) 1,2-Dibromo-3-chloropropan	14.49	75	18744	24.339	ug/L	98
67) 1,3,5-Trichlorobenzene	14.63	180	302247	25.732	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	249554	27.410	ug/L	98
69) Naphthalene	15.37	128	409468	27.727	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	217680	27.437	ug/L	97

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

