

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110220\
 Data File : VW017037.D
 Acq On : 02 Nov 2020 09:37
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02509

Quant Time: Nov 03 04:47:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 02 03:51:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	508043	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	452608	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	230452	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	124414	21.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.88%
7) Chloroethane-d5	2.90	69	108694	23.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.68%
10) 1,1-Dichloroethene-d2	4.03	63	283253	24.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.36%
20) 2-Butanone-d5	7.09	46	57751	52.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.58%
24) Chloroform-d	7.65	84	303376	25.89	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.56%
26) 1,2-Dichloroethane-d4	8.31	65	138063	25.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.12%
29) Benzene-d6	8.28	84	590830	25.41	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.64%
33) 1,2-Dichloropropane-d6	9.28	67	164636	26.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.92%
37) Toluene-d8	10.33	98	548139	25.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.16%
38) trans-1,3-Dichloropropene-	10.58	79	68791	25.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.32%
39) 2-Hexanone-d5	10.93	63	48274	54.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	126035	26.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.44%
61) 1,2-Dichlorobenzene-d4	13.86	152	202128	24.96	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.84%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	135275	23.344	ug/L 99
3) Chloromethane	2.22	50	128597	25.711	ug/L 99
5) Vinyl chloride	2.37	62	194371	26.532	ug/L 99
6) Bromomethane	2.79	94	131633	26.456	ug/L 99
8) Chloroethane	2.93	64	117048	27.763	ug/L 99
9) Trichlorofluoromethane	3.27	101	179616	30.912	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	190450	27.195	ug/L 100
12) 1,1-Dichloroethene	4.05	96	183764	27.631	ug/L 86
13) Acetone	4.14	43	39916	53.707	ug/L 99
14) Carbon disulfide	4.39	76	530846	26.329	ug/L 100
15) Methyl Acetate	4.68	43	51089	26.329	ug/L 98
16) Methylene chloride	4.92	84	178243	26.536	ug/L 95
17) Methyl tert-butyl Ether	5.43	73	199926	27.578	ug/L 99
18) trans-1,2-Dichloroethene	5.43	96	189357	27.224	ug/L 98
19) 1,1-Dichloroethane	6.22	63	295536	27.745	ug/L 99
21) 2-Butanone	7.18	43	61798	49.684	ug/L 99
22) cis-1,2-Dichloroethene	7.17	96	192721	27.406	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	88016	27.114	ug/L	98
25) Chloroform	7.68	83	313216	27.622	ug/L	100
27) 1,2-Dichloroethane	8.40	62	172302	26.682	ug/L	97
30) Cyclohexane	7.96	56	260890	27.555	ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	279409	28.514	ug/L	99
32) Carbon tetrachloride	8.07	117	271276	28.842	ug/L	98
34) Benzene	8.33	78	696863	27.870	ug/L	100
35) Trichloroethene	9.10	95	191160	27.605	ug/L	98
36) Methylcyclohexane	9.34	83	320293	27.541	ug/L	99
40) 1,2-Dichloropropane	9.37	63	157015	28.119	ug/L	100
41) Bromodichloromethane	9.65	83	215566	28.443	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	246661	28.249	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	138061	52.159	ug/L	100
44) Toluene	10.39	91	763887	28.198	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	206203	28.508	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	120317	26.919	ug/L	98
47) Tetrachloroethene	10.87	164	172761	27.121	ug/L	96
49) 2-Hexanone	10.97	43	89434	53.017	ug/L	100
50) Dibromochloromethane	11.13	129	156266	28.700	ug/L	95
51) 1,2-Dibromoethane	11.24	107	116889	27.431	ug/L	98
52) Chlorobenzene	11.66	112	497391	27.466	ug/L	98
53) Ethylbenzene	11.73	91	848370	27.886	ug/L	99
54) m,p-Xylene	11.84	106	333691	27.880	ug/L	96
55) o-xylene	12.17	106	313812	28.304	ug/L	96
56) Styrene	12.18	104	525813	28.348	ug/L	97
57) Isopropylbenzene	12.47	105	862945	28.139	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	129776	27.052	ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	91199	26.564	ug/L	99
62) Bromoform	12.35	173	87379	26.983	ug/L	97
63) 1,3-Dichlorobenzene	13.51	146	395201	26.577	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	386631	26.084	ug/L	94
65) 1,2-Dichlorobenzene	13.87	146	353723	26.966	ug/L	93
66) 1,2-Dibromo-3-chloropropan	14.49	75	18264	25.596	ug/L	89
67) 1,3,5-Trichlorobenzene	14.63	180	300821	27.640	ug/L	96
68) 1,2,4-trichlorobenzene	15.14	180	234868	27.841	ug/L	98
69) Naphthalene	15.37	128	365660	26.723	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	190981	25.979	ug/L	99

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

