

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101520\
 Data File : VW016904.D
 Acq On : 14 Oct 2020 19:32
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02510

Quant Time: Oct 15 08:37:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 15 08:29:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	540020	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	486376	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	249365	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	98499	18.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.96%
7) Chloroethane-d5	2.89	69	85123	19.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.20%
10) 1,1-Dichloroethene-d2	4.03	63	230750	20.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.60%
20) 2-Butanone-d5	7.09	46	61349	50.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.68%
24) Chloroform-d	7.65	84	241132	21.16	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.64%
26) 1,2-Dichloroethane-d4	8.31	65	119236	21.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.68%
29) Benzene-d6	8.28	84	443118	20.06	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.24%
33) 1,2-Dichloropropane-d6	9.28	67	127703	21.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.04%
37) Toluene-d8	10.33	98	414486	19.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.56%
38) trans-1,3-Dichloropropene-	10.58	79	54959	20.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.96%
39) 2-Hexanone-d5	10.93	63	51641	56.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.50%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	120962	25.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.88%
61) 1,2-Dichlorobenzene-d4	13.86	152	163815	20.71	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.84%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	136703	21.179	ug/L 100
3) Chloromethane	2.21	50	121583	21.369	ug/L 98
5) Vinyl chloride	2.37	62	195451	26.461	ug/L 99
6) Bromomethane	2.79	94	136963	25.222	ug/L 99
8) Chloroethane	2.93	64	117277	25.725	ug/L 99
9) Trichlorofluoromethane	3.26	101	140868	24.683	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	187157	25.742	ug/L 98
12) 1,1-Dichloroethene	4.05	96	176075	25.218	ug/L 93
13) Acetone	4.15	43	54794	60.006	ug/L 99
14) Carbon disulfide	4.39	76	489426	24.446	ug/L 99
15) Methyl Acetate	4.68	43	68411	31.356	ug/L 100
16) Methylene chloride	4.92	84	182694	24.514	ug/L 97
17) Methyl tert-butyl Ether	5.43	73	230061	29.445	ug/L 100
18) trans-1,2-Dichloroethene	5.43	96	184314	25.269	ug/L 98
19) 1,1-Dichloroethane	6.23	63	292601	26.049	ug/L 99
21) 2-Butanone	7.18	43	87941	57.368	ug/L 100
22) cis-1,2-Dichloroethene	7.18	96	193440	25.991	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	96996	27.752	ug/L	94
25) Chloroform	7.68	83	322098	26.554	ug/L	98
27) 1,2-Dichloroethane	8.40	62	202246	27.872	ug/L	99
30) Cyclohexane	7.96	56	253147	25.098	ug/L	98
31) 1,1,1-Trichloroethane	7.88	97	268684	25.977	ug/L	99
32) Carbon tetrachloride	8.07	117	258335	25.594	ug/L	98
34) Benzene	8.33	78	690931	26.453	ug/L	100
35) Trichloroethene	9.09	95	191620	25.936	ug/L	99
36) Methylcyclohexane	9.34	83	316464	25.475	ug/L	100
40) 1,2-Dichloropropane	9.37	63	160855	27.235	ug/L	99
41) Bromodichloromethane	9.65	83	226215	27.264	ug/L	99
42) cis-1,3-Dichloropropene	10.08	75	256006	27.187	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	196168	65.974	ug/L	99
44) Toluene	10.39	91	769454	26.556	ug/L	96
45) trans-1,3-Dichloropropene	10.61	75	222736	28.109	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	140735	29.313	ug/L	98
47) Tetrachloroethene	10.87	164	190125	27.757	ug/L	97
49) 2-Hexanone	10.97	43	132280	67.400	ug/L	99
50) Dibromochloromethane	11.13	129	172879	28.964	ug/L	98
51) 1,2-Dibromoethane	11.24	107	137490	29.141	ug/L	96
52) Chlorobenzene	11.66	112	513325	26.398	ug/L	97
53) Ethylbenzene	11.73	91	851383	26.193	ug/L	98
54) m,p-Xylene	11.84	106	333379	26.372	ug/L	100
55) o-xylene	12.17	106	322205	26.676	ug/L	93
56) Styrene	12.18	104	551833	27.687	ug/L	98
57) Isopropylbenzene	12.47	105	880868	26.633	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	166571	31.393	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	120461	31.339	ug/L	98
62) Bromoform	12.35	173	101406	28.908	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	412627	26.000	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	414500	26.116	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	379854	26.732	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.49	75	25411	29.482	ug/L #	91
67) 1,3,5-Trichlorobenzene	14.63	180	310659	26.335	ug/L	97
68) 1,2,4-trichlorobenzene	15.13	180	257492	26.575	ug/L	97
69) Naphthalene	15.37	128	505087	31.480	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	223857	26.887	ug/L	93

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

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