

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011520\
 Data File : VW014661.D
 Acq On : 15 Jan 2020 19:41
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02515

Quant Time: Jan 16 01:22:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 16 01:18:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1075784	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	946946	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	470980	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	310566	20.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.92%
7) Chloroethane-d5	2.89	69	264479	23.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.68%
10) 1,1-Dichloroethene-d2	4.02	63	645677	23.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.12%
20) 2-Butanone-d5	7.07	46	213800	59.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.50%
24) Chloroform-d	7.65	84	611322	24.70	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	8.31	65	314812	24.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.04%
29) Benzene-d6	8.27	84	1312965	26.07	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.28%
33) 1,2-Dichloropropane-d6	9.27	67	397922	26.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.12%
37) Toluene-d8	10.32	98	1195974	26.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.80%
38) trans-1,3-Dichloropropene-	10.57	79	161811	25.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.48%
39) 2-Hexanone-d5	10.92	63	167287	64.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	328830	28.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.68%
61) 1,2-Dichlorobenzene-d4	13.85	152	416702	26.85	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	220412	22.903	ug/L 96
3) Chloromethane	2.21	50	229742	21.116	ug/L 98
5) Vinyl chloride	2.36	62	394807	25.503	ug/L 98
6) Bromomethane	2.78	94	232287	25.696	ug/L 100
8) Chloroethane	2.92	64	227334	26.261	ug/L 99
9) Trichlorofluoromethane	3.26	101	186390	22.763	ug/L 98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	365059	25.970	ug/L 100
12) 1,1-Dichloroethene	4.04	96	361215	26.242	ug/L 91
13) Acetone	4.12	43	192140	38.456	ug/L 96
14) Carbon disulfide	4.39	76	1052403	24.764	ug/L 99
15) Methyl Acetate	4.67	43	196863	29.199	ug/L 99
16) Methylene chloride	4.92	84	381970	21.774	ug/L 99
17) Methyl tert-butyl Ether	5.42	73	535455	30.222	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	376675	25.977	ug/L 98
19) 1,1-Dichloroethane	6.21	63	677954	25.865	ug/L 98
21) 2-Butanone	7.17	43	271890	50.720	ug/L 99
22) cis-1,2-Dichloroethene	7.17	96	411093	26.934	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	179780	27.209	ug/L	94
25) Chloroform	7.67	83	656690	26.193	ug/L	99
27) 1,2-Dichloroethane	8.40	62	415485	25.529	ug/L	100
30) Cyclohexane	7.95	56	675418	27.884	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	511333	26.324	ug/L	99
32) Carbon tetrachloride	8.07	117	470448	25.994	ug/L	99
34) Benzene	8.32	78	1546793	27.143	ug/L	100
35) Trichloroethene	9.09	95	394006	26.790	ug/L	98
36) Methylcyclohexane	9.34	83	721663	27.969	ug/L	98
40) 1,2-Dichloropropane	9.37	63	383873	26.615	ug/L	100
41) Bromodichloromethane	9.64	83	463529	26.717	ug/L	100
42) cis-1,3-Dichloropropene	10.07	75	593100	27.528	ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	552902	59.714	ug/L	99
44) Toluene	10.38	91	1652063	27.742	ug/L	97
45) trans-1,3-Dichloropropene	10.60	75	472143	27.406	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	283264	27.727	ug/L	97
47) Tetrachloroethene	10.86	164	337106	27.298	ug/L	97
49) 2-Hexanone	10.96	43	389604	61.619	ug/L	99
50) Dibromochloromethane	11.13	129	323179	27.859	ug/L	95
51) 1,2-Dibromoethane	11.23	107	277885	28.815	ug/L	99
52) Chlorobenzene	11.65	112	1030589	27.377	ug/L	97
53) Ethylbenzene	11.73	91	1815696	27.730	ug/L	99
54) m,p-Xylene	11.83	106	699978	28.250	ug/L	99
55) o-xylene	12.16	106	657146	28.078	ug/L	100
56) Styrene	12.18	104	1128571	28.650	ug/L	98
57) Isopropylbenzene	12.46	105	1787082	28.706	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	361600	29.151	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	269190	28.969	ug/L	99
62) Bromoform	12.35	173	191581	27.221	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	820473	27.516	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	801093	26.644	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	746531	27.928	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.48	75	58185	29.394	ug/L	94
67) 1,3,5-Trichlorobenzene	14.63	180	646812	29.283	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	522364	31.547	ug/L	100
69) Naphthalene	15.36	128	1099810	38.474	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	478677	31.902	ug/L	100

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

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