

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102120\
 Data File : VW016953.D
 Acq On : 21 Oct 2020 12:24
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02519

Quant Time: Oct 21 22:53:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 21 10:57:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	523712	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	470108	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	240263	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	94231	18.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.96%
7) Chloroethane-d5	2.89	69	88705	20.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.88%
10) 1,1-Dichloroethene-d2	4.03	63	238310	21.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.88%
20) 2-Butanone-d5	7.08	46	64594	55.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.40%
24) Chloroform-d	7.65	84	268238	24.27	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.08%
26) 1,2-Dichloroethane-d4	8.30	65	126084	23.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.48%
29) Benzene-d6	8.27	84	493978	23.14	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.56%
33) 1,2-Dichloropropane-d6	9.27	67	143326	24.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.92%
37) Toluene-d8	10.32	98	457415	22.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.80%
38) trans-1,3-Dichloropropene-	10.58	79	61387	24.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.04%
39) 2-Hexanone-d5	10.93	63	54302	61.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.40%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	130694	28.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	187333	24.58	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.32%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	129709	20.721	ug/L 98
3) Chloromethane	2.21	50	110786	20.078	ug/L 98
5) Vinyl chloride	2.37	62	177854	24.828	ug/L 99
6) Bromomethane	2.79	94	117957	22.398	ug/L 99
8) Chloroethane	2.93	64	107415	24.295	ug/L 96
9) Trichlorofluoromethane	3.26	101	148245	26.784	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	180221	25.560	ug/L 98
12) 1,1-Dichloroethene	4.04	96	169222	24.991	ug/L 95
13) Acetone	4.13	43	40576	45.819	ug/L 97
14) Carbon disulfide	4.38	76	439636	22.643	ug/L 99
15) Methyl Acetate	4.67	43	54725	25.864	ug/L 100
16) Methylene chloride	4.92	84	162343	22.461	ug/L 97
17) Methyl tert-butyl Ether	5.42	73	203851	26.903	ug/L 99
18) trans-1,2-Dichloroethene	5.43	96	174701	24.697	ug/L 98
19) 1,1-Dichloroethane	6.21	63	280114	25.714	ug/L 98
21) 2-Butanone	7.18	43	71188	47.886	ug/L 99
22) cis-1,2-Dichloroethene	7.17	96	184363	25.543	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	86701	25.579	ug/L	97
25) Chloroform	7.68	83	302400	25.706	ug/L	99
27) 1,2-Dichloroethane	8.40	62	174621	24.814	ug/L	99
30) Cyclohexane	7.96	56	242807	24.906	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	262763	26.283	ug/L	99
32) Carbon tetrachloride	8.07	117	251802	25.810	ug/L	100
34) Benzene	8.32	78	649642	25.733	ug/L	100
35) Trichloroethene	9.09	95	185087	25.919	ug/L	98
36) Methylcyclohexane	9.34	83	302392	25.185	ug/L	99
40) 1,2-Dichloropropane	9.37	63	150780	26.413	ug/L	99
41) Bromodichloromethane	9.65	83	211267	26.344	ug/L	96
42) cis-1,3-Dichloropropene	10.07	75	243253	26.726	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	156400	54.420	ug/L	99
44) Toluene	10.39	91	730996	26.101	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	206284	26.934	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	125244	26.989	ug/L	96
47) Tetrachloroethene	10.87	164	166938	25.216	ug/L	96
49) 2-Hexanone	10.97	43	105113	55.411	ug/L	98
50) Dibromochloromethane	11.13	129	154228	26.734	ug/L	98
51) 1,2-Dibromoethane	11.24	107	118468	25.978	ug/L	98
52) Chlorobenzene	11.66	112	486138	25.865	ug/L	98
53) Ethylbenzene	11.73	91	817134	26.009	ug/L	99
54) m,p-Xylene	11.84	106	323710	26.493	ug/L	97
55) o-xylene	12.17	106	301786	25.850	ug/L	97
56) Styrene	12.18	104	525543	27.280	ug/L	96
57) Isopropylbenzene	12.47	105	848371	26.538	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.71	83	139048	27.113	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	99114	26.678	ug/L	99
62) Bromoform	12.35	173	90687	26.832	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	387509	25.342	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	388212	25.386	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	348769	25.475	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	21454	25.834	ug/L	97
67) 1,3,5-Trichlorobenzene	14.63	180	293540	25.826	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	241008	25.816	ug/L	99
69) Naphthalene	15.36	128	415316	26.865	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	204388	25.478	ug/L	98

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

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