

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111120\
 Data File : VW017174.D
 Acq On : 11 Nov 2020 19:42
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02523

Quant Time: Nov 12 03:17:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 12 03:07:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	394965	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	367140	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	189595	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	132081	26.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.20%
7) Chloroethane-d5	2.89	69	111921	29.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	116.76%
10) 1,1-Dichloroethene-d2	4.03	63	223043	25.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.28%
20) 2-Butanone-d5	7.09	46	58621	52.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.38%
24) Chloroform-d	7.65	84	271191	29.41	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	117.64%
26) 1,2-Dichloroethane-d4	8.31	65	135069	29.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	117.88%
29) Benzene-d6	8.28	84	507861	27.16	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.64%
33) 1,2-Dichloropropane-d6	9.28	67	146424	28.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.24%
37) Toluene-d8	10.33	98	477960	27.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.44%
38) trans-1,3-Dichloropropene-	10.58	79	62721	26.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.60%
39) 2-Hexanone-d5	10.93	63	49174	54.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.98%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	127122	28.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	190820	28.57	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.28%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	85448	21.563	ug/L 100
3) Chloromethane	2.21	50	75393	20.963	ug/L 100
5) Vinyl chloride	2.37	62	119607	22.675	ug/L 99
6) Bromomethane	2.79	94	86044	23.587	ug/L 98
8) Chloroethane	2.93	64	75968	23.869	ug/L 98
9) Trichlorofluoromethane	3.27	101	102276	23.840	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	117851	23.117	ug/L 99
12) 1,1-Dichloroethene	4.05	96	105776	21.578	ug/L 95
13) Acetone	4.14	43	29913	40.157	ug/L 98
14) Carbon disulfide	4.40	76	261077	19.570	ug/L 98
15) Methyl Acetate	4.68	43	34728	18.810	ug/L 95
16) Methylene chloride	4.92	84	111971	21.028	ug/L 97
17) Methyl tert-butyl Ether	5.43	73	130602	21.818	ug/L 99
18) trans-1,2-Dichloroethene	5.43	96	109533	21.586	ug/L 95
19) 1,1-Dichloroethane	6.22	63	183946	22.880	ug/L 99
21) 2-Butanone	7.18	43	44730	37.397	ug/L 99
22) cis-1,2-Dichloroethene	7.17	96	118349	22.059	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	56273	21.784	ug/L	94
25) Chloroform	7.68	83	203564	23.257	ug/L	98
27) 1,2-Dichloroethane	8.40	62	120192	22.915	ug/L	95
30) Cyclohexane	7.96	56	143946	20.823	ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	175452	23.336	ug/L	99
32) Carbon tetrachloride	8.07	117	169587	23.376	ug/L	98
34) Benzene	8.33	78	422249	21.903	ug/L	100
35) Trichloroethene	9.10	95	117745	21.803	ug/L	99
36) Methylcyclohexane	9.34	83	185185	21.310	ug/L	99
40) 1,2-Dichloropropane	9.37	63	100977	22.407	ug/L	100
41) Bromodichloromethane	9.65	83	142279	22.827	ug/L	99
42) cis-1,3-Dichloropropene	10.08	75	156439	21.916	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	102977	37.037	ug/L	99
44) Toluene	10.39	91	481174	22.675	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	134586	21.955	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	82896	21.335	ug/L	99
47) Tetrachloroethene	10.87	164	109601	22.494	ug/L	94
49) 2-Hexanone	10.97	43	67670	40.371	ug/L	95
50) Dibromochloromethane	11.13	129	103695	21.906	ug/L	94
51) 1,2-Dibromoethane	11.24	107	79144	20.967	ug/L	95
52) Chlorobenzene	11.66	112	321066	22.370	ug/L	98
53) Ethylbenzene	11.73	91	546121	23.041	ug/L	97
54) m,p-Xylene	11.84	106	208963	22.538	ug/L	97
55) o-xylene	12.17	106	200894	22.828	ug/L	99
56) Styrene	12.18	104	340102	23.018	ug/L	94
57) Isopropylbenzene	12.47	105	558772	23.396	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	94581	21.071	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	66417	20.586	ug/L	99
62) Bromoform	12.35	173	60216	20.690	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	268900	22.799	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	261095	22.035	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	241622	22.718	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.48	75	14154	20.128	ug/L	81
67) 1,3,5-Trichlorobenzene	14.63	180	196162	22.571	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	164340	23.695	ug/L	97
69) Naphthalene	15.37	128	276289	21.647	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	136777	21.584	ug/L	95

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

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