

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110620\
 Data File : VW017111.D
 Acq On : 06 Nov 2020 19:21
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02517

Quant Time: Nov 07 04:35:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Nov 07 04:26:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	421502	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	387290	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	196276	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	123059	23.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.72%
7) Chloroethane-d5	2.89	69	95656	23.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.52%
10) 1,1-Dichloroethene-d2	4.03	63	214813	22.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.48%
20) 2-Butanone-d5	7.08	46	58712	49.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.90%
24) Chloroform-d	7.65	84	233886	23.77	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.08%
26) 1,2-Dichloroethane-d4	8.31	65	117652	24.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.20%
29) Benzene-d6	8.27	84	454268	23.03	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.12%
33) 1,2-Dichloropropane-d6	9.27	67	126722	23.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.92%
37) Toluene-d8	10.33	98	423389	22.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.08%
38) trans-1,3-Dichloropropene-	10.58	79	55936	22.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.96%
39) 2-Hexanone-d5	10.93	63	47767	50.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.36%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	119105	25.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	167006	24.15	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	106660	25.221	ug/L 98
3) Chloromethane	2.21	50	87075	22.687	ug/L 99
5) Vinyl chloride	2.37	62	140626	24.981	ug/L 99
6) Bromomethane	2.78	94	95499	24.531	ug/L 98
8) Chloroethane	2.93	64	87314	25.707	ug/L 99
9) Trichlorofluoromethane	3.26	101	112558	24.585	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	137975	25.360	ug/L 100
12) 1,1-Dichloroethene	4.04	96	125033	23.900	ug/L 97
13) Acetone	4.13	43	39090	49.173	ug/L 98
14) Carbon disulfide	4.39	76	327215	22.983	ug/L 99
15) Methyl Acetate	4.67	43	47013	23.860	ug/L 97
16) Methylene chloride	4.92	84	137545	24.204	ug/L 97
17) Methyl tert-butyl Ether	5.43	73	159676	24.996	ug/L 100
18) trans-1,2-Dichloroethene	5.43	96	131608	24.303	ug/L 97
19) 1,1-Dichloroethane	6.22	63	215532	25.121	ug/L 99
21) 2-Butanone	7.18	43	62826	49.220	ug/L 99
22) cis-1,2-Dichloroethene	7.17	96	140752	24.583	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	66954	24.287	ug/L	94
25) Chloroform	7.68	83	238788	25.564	ug/L	98
27) 1,2-Dichloroethane	8.40	62	144141	25.750	ug/L	97
30) Cyclohexane	7.96	56	175239	24.031	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	203759	25.691	ug/L	99
32) Carbon tetrachloride	8.07	117	196348	25.656	ug/L	100
34) Benzene	8.32	78	504390	24.802	ug/L	100
35) Trichloroethene	9.09	95	141310	24.805	ug/L	98
36) Methylcyclohexane	9.34	83	220549	24.060	ug/L	99
40) 1,2-Dichloropropane	9.37	63	118954	25.022	ug/L	99
41) Bromodichloromethane	9.65	83	169023	25.707	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	188347	25.014	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	140941	48.054	ug/L	100
44) Toluene	10.39	91	568548	25.399	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	164395	25.422	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	102945	25.116	ug/L	98
47) Tetrachloroethene	10.87	164	132407	25.761	ug/L	97
49) 2-Hexanone	10.97	43	92345	52.225	ug/L	99
50) Dibromochloromethane	11.13	129	127001	25.433	ug/L	98
51) 1,2-Dibromoethane	11.24	107	99659	25.028	ug/L	98
52) Chlorobenzene	11.66	112	380163	25.110	ug/L	99
53) Ethylbenzene	11.73	91	634682	25.384	ug/L	98
54) m,p-Xylene	11.84	106	247359	25.291	ug/L	99
55) o-xylene	12.17	106	234522	25.262	ug/L	92
56) Styrene	12.18	104	407056	26.116	ug/L	100
57) Isopropylbenzene	12.46	105	650049	25.801	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	121002	25.555	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	88192	25.913	ug/L	98
62) Bromoform	12.35	173	76104	25.259	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	308307	25.251	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	304723	24.842	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	281398	25.557	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	18632	25.594	ug/L	93
67) 1,3,5-Trichlorobenzene	14.63	180	219108	24.353	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	171881	23.939	ug/L	98
69) Naphthalene	15.37	128	338090	25.588	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	163328	24.896	ug/L	100

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

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