

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072920\
 Data File : VW015996.D
 Acq On : 29 Jul 2020 18:13
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02518

Quant Time: Jul 30 03:32:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 30 03:30:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	413458	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	382192	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	190342	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	100654	17.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.00%
7) Chloroethane-d5	2.90	69	98542	20.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.20%
10) 1,1-Dichloroethene-d2	4.02	63	243044	20.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.44%
20) 2-Butanone-d5	7.09	46	94031	61.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.72%
24) Chloroform-d	7.65	84	270386	23.28	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.12%
26) 1,2-Dichloroethane-d4	8.31	65	148120	23.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.96%
29) Benzene-d6	8.27	84	525804	22.60	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.40%
33) 1,2-Dichloropropane-d6	9.28	67	167373	24.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.00%
37) Toluene-d8	10.33	98	471486	22.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.48%
38) trans-1,3-Dichloropropene-	10.58	79	66856	22.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.96%
39) 2-Hexanone-d5	10.93	63	72664	62.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	148841	27.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.04%
61) 1,2-Dichlorobenzene-d4	13.86	152	166442	22.43	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.72%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	84435	24.134	ug/L 96
3) Chloromethane	2.21	50	100093	23.655	ug/L 100
5) Vinyl chloride	2.37	62	151590	23.228	ug/L 99
6) Bromomethane	2.79	94	92062	23.645	ug/L 98
8) Chloroethane	2.93	64	93798	24.534	ug/L 99
9) Trichlorofluoromethane	3.26	101	115994	26.442	ug/L 98
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	137581	25.657	ug/L 98
12) 1,1-Dichloroethene	4.04	96	131117	24.670	ug/L 96
13) Acetone	4.13	43	64578	50.177	ug/L 95
14) Carbon disulfide	4.39	76	387984	23.114	ug/L 98
15) Methyl Acetate	4.68	43	72243	29.771	ug/L 99
16) Methylene chloride	4.92	84	159834	23.592	ug/L 94
17) Methyl tert-butyl Ether	5.44	73	211637	28.159	ug/L 97
18) trans-1,2-Dichloroethene	5.43	96	141090	25.138	ug/L 96
19) 1,1-Dichloroethane	6.22	63	267460	25.860	ug/L 99
21) 2-Butanone	7.18	43	95987	60.313	ug/L 99
22) cis-1,2-Dichloroethene	7.18	96	155448	26.473	ug/L 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	70148	27.243	ug/L	97
25) Chloroform	7.68	83	264843	25.837	ug/L	100
27) 1,2-Dichloroethane	8.40	62	175821	25.208	ug/L	96
30) Cyclohexane	7.96	56	235512	24.438	ug/L	100
31) 1,1,1-Trichloroethane	7.88	97	219520	24.598	ug/L	98
32) Carbon tetrachloride	8.07	117	193362	23.894	ug/L	98
34) Benzene	8.33	78	598282	25.774	ug/L	100
35) Trichloroethene	9.10	95	149955	24.421	ug/L	96
36) Methylcyclohexane	9.34	83	262511	24.914	ug/L	99
40) 1,2-Dichloropropane	9.37	63	153665	26.722	ug/L	100
41) Bromodichloromethane	9.65	83	189629	25.534	ug/L	98
42) cis-1,3-Dichloropropene	10.08	75	232247	26.518	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	196929	58.671	ug/L	98
44) Toluene	10.39	91	635016	26.083	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	200153	26.366	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	115055	27.823	ug/L	98
47) Tetrachloroethene	10.87	164	119015	24.970	ug/L	97
49) 2-Hexanone	10.98	43	138694	58.228	ug/L	96
50) Dibromochloromethane	11.13	129	130567	27.272	ug/L	98
51) 1,2-Dibromoethane	11.24	107	110032	27.815	ug/L	100
52) Chlorobenzene	11.66	112	402057	25.772	ug/L	100
53) Ethylbenzene	11.73	91	707674	25.850	ug/L	99
54) m,p-Xylene	11.84	106	265256	25.898	ug/L	100
55) o-xylene	12.17	106	250616	25.985	ug/L	91
56) Styrene	12.18	104	443725	27.054	ug/L	99
57) Isopropylbenzene	12.47	105	691341	26.332	ug/L	98
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	142594	29.366	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	105486	28.994	ug/L	99
62) Bromoform	12.35	173	72087	25.745	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	305958	25.115	ug/L	95
64) 1,4-Dichlorobenzene	13.58	146	312203	25.252	ug/L	95
65) 1,2-Dichlorobenzene	13.87	146	279805	25.286	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.49	75	23355	28.042	ug/L	99
67) 1,3,5-Trichlorobenzene	14.63	180	216313	25.253	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	178770	26.275	ug/L	99
69) Naphthalene	15.37	128	360876	28.154	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	162590	26.820	ug/L	98

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

