

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072820\
 Data File : VW015986.D
 Acq On : 28 Jul 2020 16:03
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02516

Quant Time: Jul 29 04:41:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 29 04:38:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	432393	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	399915	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	190546	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	112161	18.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.52%
7) Chloroethane-d5	2.90	69	107742	21.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.96%
10) 1,1-Dichloroethene-d2	4.02	63	269687	21.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.44%
20) 2-Butanone-d5	7.09	46	96734	60.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.72%
24) Chloroform-d	7.65	84	287938	23.71	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.84%
26) 1,2-Dichloroethane-d4	8.31	65	155519	23.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.32%
29) Benzene-d6	8.28	84	560762	23.04	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.16%
33) 1,2-Dichloropropane-d6	9.27	67	174365	23.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.56%
37) Toluene-d8	10.33	98	501518	22.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.96%
38) trans-1,3-Dichloropropene-	10.58	79	71124	22.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.48%
39) 2-Hexanone-d5	10.93	63	75146	61.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.68%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	154385	27.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.08%
61) 1,2-Dichlorobenzene-d4	13.86	152	172554	23.22	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.88%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	92844	25.375	ug/L	98
3) Chloromethane	2.22	50	116395	26.303	ug/L	98
5) Vinyl chloride	2.37	62	173303	25.392	ug/L	100
6) Bromomethane	2.79	94	102497	25.173	ug/L	99
8) Chloroethane	2.93	64	106250	26.574	ug/L	100
9) Trichlorofluoromethane	3.26	101	135197	29.470	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	155968	27.812	ug/L	98
12) 1,1-Dichloroethene	4.04	96	151253	27.212	ug/L	94
13) Acetone	4.13	43	84252	62.597	ug/L	96
14) Carbon disulfide	4.38	76	446144	25.415	ug/L	100
15) Methyl Acetate	4.68	43	77656	30.600	ug/L	98
16) Methylene chloride	4.92	84	179187	25.290	ug/L	94
17) Methyl tert-butyl Ether	5.43	73	234886	29.884	ug/L	97
18) trans-1,2-Dichloroethene	5.43	96	159920	27.246	ug/L	97
19) 1,1-Dichloroethane	6.22	63	294391	27.217	ug/L	98
21) 2-Butanone	7.18	43	110734	66.532	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	171242	27.885	ug/L	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	77511	28.784	ug/L	99
25) Chloroform	7.68	83	295379	27.554	ug/L	99
27) 1,2-Dichloroethane	8.40	62	192183	26.347	ug/L	97
30) Cyclohexane	7.96	56	271225	26.897	ug/L	100
31) 1,1,1-Trichloroethane	7.88	97	246076	26.352	ug/L	99
32) Carbon tetrachloride	8.07	117	223703	26.418	ug/L	98
34) Benzene	8.33	78	659287	27.143	ug/L	100
35) Trichloroethene	9.10	95	169479	26.377	ug/L	99
36) Methylcyclohexane	9.34	83	303208	27.502	ug/L	98
40) 1,2-Dichloropropane	9.37	63	166462	27.664	ug/L	100
41) Bromodichloromethane	9.65	83	204961	26.376	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	252639	27.568	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	218623	62.247	ug/L	98
44) Toluene	10.39	91	704520	27.655	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	221536	27.889	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	124336	28.735	ug/L	97
47) Tetrachloroethene	10.87	164	132354	26.538	ug/L	96
49) 2-Hexanone	10.97	43	159809	64.119	ug/L	98
50) Dibromochloromethane	11.13	129	140097	27.966	ug/L	98
51) 1,2-Dibromoethane	11.24	107	117571	28.403	ug/L	97
52) Chlorobenzene	11.66	112	446024	27.323	ug/L	100
53) Ethylbenzene	11.73	91	787503	27.491	ug/L	97
54) m,p-Xylene	11.84	106	294835	27.510	ug/L	96
55) o-xylene	12.17	106	275365	27.286	ug/L	95
56) Styrene	12.18	104	487720	28.419	ug/L	100
57) Isopropylbenzene	12.47	105	772583	28.123	ug/L	98
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	154011	30.311	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	115702	30.392	ug/L	99
62) Bromoform	12.35	173	80753	28.809	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	336154	27.564	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	331723	26.802	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	309475	27.938	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	24500	29.385	ug/L	99
67) 1,3,5-Trichlorobenzene	14.63	180	232512	27.115	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	194825	28.604	ug/L	99
69) Naphthalene	15.37	128	393600	30.674	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	175153	28.862	ug/L	100

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

