

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071320\
 Data File : VW015844.D
 Acq On : 13 Jul 2020 13:59
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02524

Quant Time: Jul 14 03:39:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071320S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jul 13 13:51:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	329517	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	315404	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	160553	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	132944	23.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.32%
7) Chloroethane-d5	2.89	69	130617	22.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.56%
10) 1,1-Dichloroethene-d2	4.01	63	189295	24.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	97.24%
20) 2-Butanone-d5	7.08	46	48415	55.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.12%
24) Chloroform-d	7.65	84	220143	24.54	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.16%
26) 1,2-Dichloroethane-d4	8.31	65	121079	25.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.44%
29) Benzene-d6	8.27	84	434501	24.81	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.24%
33) 1,2-Dichloropropane-d6	9.27	67	123805	24.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.40%
37) Toluene-d8	10.33	98	423111	25.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.84%
38) trans-1,3-Dichloropropene-	10.58	79	55099	25.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.44%
39) 2-Hexanone-d5	10.93	63	42021	58.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	108748	26.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	156985	26.02	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.08%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	57133	26.493	ug/L 94
3) Chloromethane	2.22	50	82462	23.055	ug/L 99
5) Vinyl chloride	2.37	62	150294	24.198	ug/L 99
6) Bromomethane	2.79	94	122384	21.653	ug/L 99
8) Chloroethane	2.93	64	107971	23.865	ug/L 99
9) Trichlorofluoromethane	3.26	101	141842	23.108	ug/L 98
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	91932	25.065	ug/L 95
12) 1,1-Dichloroethene	4.04	96	88947	25.694	ug/L 77
13) Acetone	4.12	43	35504	52.945	ug/L 100
14) Carbon disulfide	4.38	76	291829	25.470	ug/L 99
15) Methyl Acetate	4.67	43	38153	27.733	ug/L 98
16) Methylene chloride	4.92	84	104251	23.872	ug/L 96
17) Methyl tert-butyl Ether	5.43	73	143400	27.084	ug/L 98
18) trans-1,2-Dichloroethene	5.42	96	109171	25.676	ug/L 98
19) 1,1-Dichloroethane	6.21	63	184773	25.089	ug/L 99
21) 2-Butanone	7.18	43	50681	55.620	ug/L 99
22) cis-1,2-Dichloroethene	7.17	96	114450	25.689	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	52806	26.520	ug/L	97
25) Chloroform	7.68	83	200406	25.016	ug/L	99
27) 1,2-Dichloroethane	8.40	62	136383	26.062	ug/L	100
30) Cyclohexane	7.96	56	165994	25.784	ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	177765	25.497	ug/L	99
32) Carbon tetrachloride	8.07	117	168542	25.834	ug/L	99
34) Benzene	8.32	78	448570	25.556	ug/L	100
35) Trichloroethene	9.10	95	120623	25.311	ug/L	97
36) Methylcyclohexane	9.34	83	207043	25.379	ug/L	99
40) 1,2-Dichloropropane	9.37	63	107069	25.649	ug/L	100
41) Bromodichloromethane	9.65	83	148034	26.011	ug/L	95
42) cis-1,3-Dichloropropene	10.07	75	170850	27.257	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	114628	58.403	ug/L	100
44) Toluene	10.39	91	516183	26.127	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	151466	27.166	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	86950	26.903	ug/L	96
47) Tetrachloroethene	10.87	164	99926	25.763	ug/L	96
49) 2-Hexanone	10.97	43	80995	58.223	ug/L	99
50) Dibromochloromethane	11.13	129	105166	27.134	ug/L	99
51) 1,2-Dibromoethane	11.24	107	84374	27.438	ug/L	99
52) Chlorobenzene	11.66	112	340497	26.236	ug/L	98
53) Ethylbenzene	11.73	91	574962	25.696	ug/L	100
54) m,p-Xylene	11.84	106	224316	26.126	ug/L	96
55) o-xylene	12.17	106	217576	26.661	ug/L	94
56) Styrene	12.18	104	376114	27.354	ug/L	98
57) Isopropylbenzene	12.47	105	595770	26.616	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	103654	28.139	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	75197	27.792	ug/L	100
62) Bromoform	12.35	173	58196	26.840	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	264712	26.184	ug/L	95
64) 1,4-Dichlorobenzene	13.58	146	268242	26.193	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	243823	26.617	ug/L	95
66) 1,2-Dibromo-3-chloropropan	14.49	75	16285	28.755	ug/L	95
67) 1,3,5-Trichlorobenzene	14.63	180	171620	25.465	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	140019	26.607	ug/L	96
69) Naphthalene	15.37	128	273881	29.212	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	121190	25.811	ug/L	97

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

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