

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082520\
 Data File : VW016352.D
 Acq On : 25 Aug 2020 14:35
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02526

Quant Time: Aug 26 01:41:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 26 01:39:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	273149	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	260277	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	129685	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	63836	21.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.56%
7) Chloroethane-d5	2.89	69	51556	23.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.16%
10) 1,1-Dichloroethene-d2	4.02	63	164168	23.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.80%
20) 2-Butanone-d5	7.08	46	48605	58.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.20%
24) Chloroform-d	7.65	84	183863	25.82	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.28%
26) 1,2-Dichloroethane-d4	8.31	65	100677	27.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.72%
29) Benzene-d6	8.27	84	354682	24.41	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.64%
33) 1,2-Dichloropropane-d6	9.27	67	100202	24.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.68%
37) Toluene-d8	10.32	98	344547	25.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.52%
38) trans-1,3-Dichloropropene-	10.58	79	50139	25.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.36%
39) 2-Hexanone-d5	10.93	63	35771	55.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.06%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	97922	29.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	122067	24.55	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	71338	23.769	ug/L 100
3) Chloromethane	2.21	50	52623	22.456	ug/L 95
5) Vinyl chloride	2.37	62	76918	24.100	ug/L 99
6) Bromomethane	2.78	94	49990	23.958	ug/L 98
8) Chloroethane	2.92	64	44212	24.843	ug/L 97
9) Trichlorofluoromethane	3.26	101	74825	21.664	ug/L 95
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	92910	24.643	ug/L 96
12) 1,1-Dichloroethene	4.04	96	91613	25.264	ug/L 94
13) Acetone	4.14	43	39426	57.277	ug/L 97
14) Carbon disulfide	4.38	76	260831	24.260	ug/L 98
15) Methyl Acetate	4.67	43	41819	30.196	ug/L 99
16) Methylene chloride	4.92	84	104677	20.730	ug/L 97
17) Methyl tert-butyl Ether	5.43	73	143661	27.095	ug/L 100
18) trans-1,2-Dichloroethene	5.43	96	96846	25.424	ug/L 98
19) 1,1-Dichloroethane	6.21	63	161112	25.671	ug/L 98
21) 2-Butanone	7.17	43	55568	56.662	ug/L 100
22) cis-1,2-Dichloroethene	7.17	96	105063	26.226	ug/L 92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	49059	26.699	ug/L	94
25) Chloroform	7.68	83	179401	26.542	ug/L	98
27) 1,2-Dichloroethane	8.40	62	117453	27.745	ug/L	98
30) Cyclohexane	7.96	56	138606	24.639	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	157040	25.086	ug/L	100
32) Carbon tetrachloride	8.07	117	146755	24.689	ug/L	99
34) Benzene	8.32	78	378947	25.383	ug/L	100
35) Trichloroethene	9.09	95	103268	24.430	ug/L	98
36) Methylcyclohexane	9.34	83	168186	24.373	ug/L	98
40) 1,2-Dichloropropane	9.37	63	88255	25.137	ug/L	99
41) Bromodichloromethane	9.65	83	131853	26.511	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	152788	26.578	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	122419	58.316	ug/L	99
44) Toluene	10.39	91	415874	25.579	ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	142313	28.000	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	80242	27.690	ug/L	96
47) Tetrachloroethene	10.86	164	83495	25.049	ug/L	91
49) 2-Hexanone	10.97	43	86772	63.806	ug/L	99
50) Dibromochloromethane	11.13	129	99558	27.585	ug/L	98
51) 1,2-Dibromoethane	11.24	107	79973	28.194	ug/L	93
52) Chlorobenzene	11.66	112	276928	25.503	ug/L	98
53) Ethylbenzene	11.73	91	478207	25.585	ug/L	99
54) m,p-Xylene	11.84	106	184188	25.642	ug/L	94
55) o-xylene	12.17	106	177915	26.365	ug/L	95
56) Styrene	12.18	104	309301	27.239	ug/L	96
57) Isopropylbenzene	12.46	105	476282	25.354	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	98263	29.059	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	73751	29.449	ug/L	97
62) Bromoform	12.35	173	58283	27.653	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	218576	25.009	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	223381	25.230	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	200989	25.754	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.49	75	18225	29.708	ug/L	97
67) 1,3,5-Trichlorobenzene	14.63	180	150546	24.961	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	125802	26.278	ug/L	99
69) Naphthalene	15.37	128	293129	31.170	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	117894	28.001	ug/L	99

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

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