

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092820\
 Data File : VW016658.D
 Acq On : 28 Sep 2020 10:04
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02509

Quant Time: Sep 29 05:24:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 28 11:58:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	648910	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	584957	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	297073	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	116362	18.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.12%
7) Chloroethane-d5	2.90	69	105954	20.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.64%
10) 1,1-Dichloroethene-d2	4.03	63	286658	20.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.64%
20) 2-Butanone-d5	7.08	46	96245	56.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.40%
24) Chloroform-d	7.65	84	348335	25.66	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.64%
26) 1,2-Dichloroethane-d4	8.31	65	180047	25.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.36%
29) Benzene-d6	8.28	84	587445	22.39	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.56%
33) 1,2-Dichloropropane-d6	9.28	67	178686	25.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.52%
37) Toluene-d8	10.33	98	538105	20.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.40%
38) trans-1,3-Dichloropropene-	10.58	79	90873	25.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.44%
39) 2-Hexanone-d5	10.93	63	81119	62.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.46%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	174165	28.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.16%
61) 1,2-Dichlorobenzene-d4	13.86	152	245142	25.83	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.32%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.03	85	176931	22.071	ug/L	96
3) Chloromethane	2.23	50	140601	23.970	ug/L	99
5) Vinyl chloride	2.37	62	208964	24.141	ug/L	100
6) Bromomethane	2.79	94	147583	22.470	ug/L	100
8) Chloroethane	2.94	64	124906	24.393	ug/L	100
9) Trichlorofluoromethane	3.27	101	191610	21.956	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.08	101	203340	24.321	ug/L	99
12) 1,1-Dichloroethene	4.05	96	200834	24.434	ug/L	95
13) Acetone	4.14	43	63963	47.682	ug/L	96
14) Carbon disulfide	4.40	76	567174	22.872	ug/L	99
15) Methyl Acetate	4.68	43	75923	24.856	ug/L	100
16) Methylene chloride	4.92	84	203343	20.317	ug/L	98
17) Methyl tert-butyl Ether	5.43	73	276098	24.525	ug/L	98
18) trans-1,2-Dichloroethene	5.43	96	208278	24.469	ug/L	97
19) 1,1-Dichloroethane	6.23	63	334568	24.855	ug/L	99
21) 2-Butanone	7.18	43	97049	42.525	ug/L	95
22) cis-1,2-Dichloroethene	7.18	96	221475	25.077	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	107197	24.967	ug/L	97
25) Chloroform	7.68	83	369531	25.179	ug/L	100
27) 1,2-Dichloroethane	8.40	62	239852	25.471	ug/L	100
30) Cyclohexane	7.96	56	295696	23.132	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	327935	24.004	ug/L	99
32) Carbon tetrachloride	8.07	117	321893	24.252	ug/L	98
34) Benzene	8.33	78	771510	24.607	ug/L	100
35) Trichloroethene	9.10	95	223241	24.610	ug/L	98
36) Methylcyclohexane	9.34	83	363529	23.627	ug/L	99
40) 1,2-Dichloropropane	9.37	63	177139	24.292	ug/L	100
41) Bromodichloromethane	9.65	83	272365	25.205	ug/L	97
42) cis-1,3-Dichloropropene	10.07	75	314037	25.213	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	224494	48.456	ug/L	98
44) Toluene	10.39	91	869538	24.664	ug/L	96
45) trans-1,3-Dichloropropene	10.61	75	276399	25.505	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	157741	25.677	ug/L	99
47) Tetrachloroethene	10.87	164	196540	23.995	ug/L	95
49) 2-Hexanone	10.97	43	153907	52.344	ug/L	97
50) Dibromochloromethane	11.13	129	203519	25.375	ug/L	97
51) 1,2-Dibromoethane	11.24	107	156577	25.457	ug/L	95
52) Chlorobenzene	11.66	112	581441	24.553	ug/L	100
53) Ethylbenzene	11.73	91	993504	24.821	ug/L	97
54) m,p-Xylene	11.84	106	387671	24.735	ug/L	98
55) o-xylene	12.16	106	369311	24.595	ug/L	96
56) Styrene	12.18	104	638147	25.594	ug/L	96
57) Isopropylbenzene	12.46	105	1027942	25.054	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	175141	25.494	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	131104	25.622	ug/L	99
62) Bromoform	12.35	173	124134	24.774	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	482548	24.973	ug/L	95
64) 1,4-Dichlorobenzene	13.58	146	479053	25.316	ug/L	96
65) 1,2-Dichlorobenzene	13.87	146	431502	24.992	ug/L	93
66) 1,2-Dibromo-3-chloropropan	14.49	75	31303	25.293	ug/L	94
67) 1,3,5-Trichlorobenzene	14.63	180	362430	25.647	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	297600	26.033	ug/L	97
69) Naphthalene	15.37	128	555802	27.426	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	257123	26.152	ug/L	97

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

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