

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062920\
 Data File : VW015770.D
 Acq On : 29 Jun 2020 18:44
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02517

Quant Time: Jun 30 03:07:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062920S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 30 03:03:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	287144	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	276968	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	133905	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	95635	20.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.04%
7) Chloroethane-d5	2.90	69	82189	21.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.36%
10) 1,1-Dichloroethene-d2	4.02	63	175333	21.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.72%
20) 2-Butanone-d5	7.09	46	50236	51.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.14%
24) Chloroform-d	7.65	84	193066	24.12	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.48%
26) 1,2-Dichloroethane-d4	8.31	65	110949	24.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.48%
29) Benzene-d6	8.27	84	368694	22.33	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.32%
33) 1,2-Dichloropropane-d6	9.27	67	111238	22.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.00%
37) Toluene-d8	10.32	98	347637	22.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.48%
38) trans-1,3-Dichloropropene-	10.58	79	48730	22.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.00%
39) 2-Hexanone-d5	10.93	63	39588	49.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	91670	24.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	124380	23.96	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.84%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	58700	21.681	ug/L 94
3) Chloromethane	2.21	50	62066	21.303	ug/L 99
5) Vinyl chloride	2.37	62	102898	23.580	ug/L 99
6) Bromomethane	2.79	94	73448	25.403	ug/L 99
8) Chloroethane	2.93	64	67884	24.933	ug/L 97
9) Trichlorofluoromethane	3.26	101	68614	21.502	ug/L 98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	83007	23.993	ug/L 100
12) 1,1-Dichloroethene	4.04	96	80697	24.163	ug/L 90
13) Acetone	4.13	43	34946	42.392	ug/L 98
14) Carbon disulfide	4.39	76	251430	24.244	ug/L 97
15) Methyl Acetate	4.68	43	41804	28.307	ug/L 99
16) Methylene chloride	4.92	84	103992	24.682	ug/L 99
17) Methyl tert-butyl Ether	5.43	73	144336	28.206	ug/L 99
18) trans-1,2-Dichloroethene	5.43	96	93797	26.163	ug/L 99
19) 1,1-Dichloroethane	6.22	63	171553	26.539	ug/L 99
21) 2-Butanone	7.18	43	53317	52.318	ug/L 99
22) cis-1,2-Dichloroethene	7.17	96	102259	27.592	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	46570	28.529	ug/L	94
25) Chloroform	7.68	83	181509	27.800	ug/L	100
27) 1,2-Dichloroethane	8.40	62	128964	28.566	ug/L	99
30) Cyclohexane	7.96	56	141259	22.614	ug/L	100
31) 1,1,1-Trichloroethane	7.88	97	145136	24.211	ug/L	100
32) Carbon tetrachloride	8.07	117	127437	23.521	ug/L	100
34) Benzene	8.32	78	391123	25.713	ug/L	100
35) Trichloroethene	9.09	95	101053	24.913	ug/L	100
36) Methylcyclohexane	9.34	83	157331	22.489	ug/L	99
40) 1,2-Dichloropropane	9.37	63	98510	26.609	ug/L	99
41) Bromodichloromethane	9.65	83	130311	27.091	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	151985	26.299	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	122286	56.615	ug/L	99
44) Toluene	10.39	91	429105	25.966	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	133107	26.462	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	74411	27.842	ug/L	99
47) Tetrachloroethene	10.87	164	78408	24.056	ug/L	94
49) 2-Hexanone	10.97	43	82879	54.470	ug/L	99
50) Dibromochloromethane	11.13	129	86057	27.508	ug/L	91
51) 1,2-Dibromoethane	11.24	107	71857	27.737	ug/L	99
52) Chlorobenzene	11.66	112	275094	26.484	ug/L	98
53) Ethylbenzene	11.73	91	483681	25.887	ug/L	100
54) m,p-Xylene	11.84	106	185232	26.523	ug/L	97
55) o-xylene	12.16	106	179092	26.832	ug/L	98
56) Styrene	12.18	104	313568	27.676	ug/L	99
57) Isopropylbenzene	12.46	105	473296	25.672	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	89998	28.299	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	66112	27.525	ug/L	99
62) Bromoform	12.35	173	46782	27.234	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	212332	26.732	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	215358	27.216	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	201559	28.700	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	14165	28.160	ug/L	98
67) 1,3,5-Trichlorobenzene	14.63	180	145435	26.699	ug/L	100
68) 1,2,4-trichlorobenzene	15.13	180	120313	27.372	ug/L	99
69) Naphthalene	15.37	128	235442	29.278	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	107348	28.249	ug/L	99

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

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