

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082620\
 Data File : VW016377.D
 Acq On : 26 Aug 2020 19:08
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02528

Quant Time: Aug 27 02:45:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 27 02:40:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	267727	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	251989	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	127919	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	54611	19.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.40%
7) Chloroethane-d5	2.89	69	45232	20.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.40%
10) 1,1-Dichloroethene-d2	4.03	63	149003	21.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.76%
20) 2-Butanone-d5	7.07	46	37817	46.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.04%
24) Chloroform-d	7.65	84	172052	24.65	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	8.31	65	89792	24.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.84%
29) Benzene-d6	8.27	84	323959	23.03	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.12%
33) 1,2-Dichloropropane-d6	9.28	67	90022	23.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.48%
37) Toluene-d8	10.33	98	313874	23.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.60%
38) trans-1,3-Dichloropropene-	10.58	79	44099	23.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.88%
39) 2-Hexanone-d5	10.93	63	27877	44.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.40%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	79910	24.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	111245	22.68	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.72%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	68680	23.347	ug/L 98
3) Chloromethane	2.21	50	50225	21.867	ug/L 100
5) Vinyl chloride	2.36	62	74181	23.713	ug/L 99
6) Bromomethane	2.78	94	49700	24.302	ug/L 96
8) Chloroethane	2.92	64	43380	24.869	ug/L 89
9) Trichlorofluoromethane	3.26	101	85072	25.129	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	94870	25.673	ug/L 99
12) 1,1-Dichloroethene	4.04	96	89434	25.163	ug/L 96
13) Acetone	4.12	43	31464	46.636	ug/L 98
14) Carbon disulfide	4.39	76	255025	24.201	ug/L 99
15) Methyl Acetate	4.67	43	32876	24.219	ug/L 96
16) Methylene chloride	4.92	84	122396	24.730	ug/L 96
17) Methyl tert-butyl Ether	5.43	73	136382	26.243	ug/L 99
18) trans-1,2-Dichloroethene	5.43	96	95138	25.482	ug/L 96
19) 1,1-Dichloroethane	6.21	63	159524	25.932	ug/L 97
21) 2-Butanone	7.17	43	44803	46.610	ug/L 100
22) cis-1,2-Dichloroethene	7.17	96	103907	26.463	ug/L 94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	47843	26.564	ug/L	93
25) Chloroform	7.68	83	180050	27.178	ug/L	99
27) 1,2-Dichloroethane	8.40	62	114415	27.575	ug/L	100
30) Cyclohexane	7.96	56	131433	24.132	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	161008	26.566	ug/L	99
32) Carbon tetrachloride	8.07	117	150742	26.194	ug/L	98
34) Benzene	8.32	78	377275	26.102	ug/L	100
35) Trichloroethene	9.09	95	105147	25.693	ug/L	98
36) Methylcyclohexane	9.34	83	164225	24.582	ug/L	98
40) 1,2-Dichloropropane	9.37	63	87145	25.637	ug/L	99
41) Bromodichloromethane	9.65	83	131578	27.326	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	146320	26.290	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	98171	48.303	ug/L	99
44) Toluene	10.39	91	417854	26.546	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	130793	26.580	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	74264	26.470	ug/L	98
47) Tetrachloroethene	10.87	164	86482	26.798	ug/L	91
49) 2-Hexanone	10.97	43	67402	51.193	ug/L	99
50) Dibromochloromethane	11.13	129	94595	27.072	ug/L	98
51) 1,2-Dibromoethane	11.24	107	72528	26.410	ug/L	96
52) Chlorobenzene	11.66	112	280593	26.690	ug/L	94
53) Ethylbenzene	11.73	91	482538	26.666	ug/L	96
54) m,p-Xylene	11.84	106	185992	26.745	ug/L	98
55) o-xylene	12.17	106	175104	26.802	ug/L	98
56) Styrene	12.18	104	305904	27.826	ug/L	96
57) Isopropylbenzene	12.46	105	488889	26.881	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	85143	26.007	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	63436	26.163	ug/L	97
62) Bromoform	12.35	173	52370	25.190	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	219404	25.451	ug/L	95
64) 1,4-Dichlorobenzene	13.58	146	217167	24.866	ug/L	95
65) 1,2-Dichlorobenzene	13.87	146	195677	25.420	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	14908	24.636	ug/L	91
67) 1,3,5-Trichlorobenzene	14.63	180	146357	24.601	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	120110	25.436	ug/L	100
69) Naphthalene	15.36	128	244825	26.393	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	106616	25.672	ug/L	98

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

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