

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081119\
 Data File : VW011802.D
 Acq On : 09 Aug 2019 09:56
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02510

Quant Time: Aug 10 03:42:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 09 02:27:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	357886	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	313799	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	151707	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	93416	18.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.16%
7) Chloroethane-d5	2.89	69	74729	20.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.36%
10) 1,1-Dichloroethene-d2	4.02	63	257649	22.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.20%
20) 2-Butanone-d5	7.09	46	93120	41.04	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.08%
24) Chloroform-d	7.65	84	225164	22.91	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.64%
26) 1,2-Dichloroethane-d4	8.30	65	133153	22.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.56%
29) Benzene-d6	8.27	84	439259	22.26	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.04%
33) 1,2-Dichloropropane-d6	9.27	67	146762	23.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.16%
37) Toluene-d8	10.32	98	387136	22.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.44%
38) trans-1,3-Dichloropropene-	10.58	79	60517	21.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.72%
39) 2-Hexanone-d5	10.93	63	63447	42.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.28%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	117547	22.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	128383	21.96	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.84%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	104869	26.146	ug/L 94
3) Chloromethane	2.21	50	124879	23.936	ug/L 99
5) Vinyl chloride	2.35	62	171882	25.822	ug/L 98
6) Bromomethane	2.78	94	83606	26.642	ug/L 98
8) Chloroethane	2.92	64	91083	26.163	ug/L 99
9) Trichlorofluoromethane	3.25	101	100953	29.772	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	143420	27.899	ug/L 97
12) 1,1-Dichloroethene	4.03	96	138773	26.998	ug/L 96
13) Acetone	4.17	43	107364	44.178	ug/L 98
14) Carbon disulfide	4.38	76	426174	25.456	ug/L 96
15) Methyl Acetate	4.68	43	95588	24.056	ug/L 100
16) Methylene chloride	4.92	84	150212	26.896	ug/L 96
17) Methyl tert-butyl Ether	5.42	73	238116	27.818	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	144884	27.282	ug/L 99
19) 1,1-Dichloroethane	6.21	63	300390	28.315	ug/L 100
21) 2-Butanone	7.18	43	139665	45.837	ug/L 99
22) cis-1,2-Dichloroethene	7.16	96	155655	28.016	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	64093	27.112	ug/L	97
25) Chloroform	7.67	83	275886	28.214	ug/L	99
27) 1,2-Dichloroethane	8.40	62	205040	28.325	ug/L	99
30) Cyclohexane	7.95	56	305330	27.992	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	219904	28.760	ug/L	99
32) Carbon tetrachloride	8.07	117	204562	28.438	ug/L	100
34) Benzene	8.32	78	624546	28.401	ug/L	100
35) Trichloroethene	9.09	95	156494	28.033	ug/L	99
36) Methylcyclohexane	9.34	83	285768	28.217	ug/L	99
40) 1,2-Dichloropropane	9.37	63	167496	28.535	ug/L	100
41) Bromodichloromethane	9.64	83	199124	28.748	ug/L	100
42) cis-1,3-Dichloropropene	10.07	75	254280	28.962	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	272790	51.292	ug/L	100
44) Toluene	10.38	91	644225	28.836	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	207570	28.415	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	110045	27.498	ug/L	97
47) Tetrachloroethene	10.86	164	118562	27.805	ug/L	95
49) 2-Hexanone	10.97	43	202220	49.353	ug/L	98
50) Dibromochloromethane	11.13	129	126205	28.611	ug/L	97
51) 1,2-Dibromoethane	11.23	107	105772	27.161	ug/L	99
52) Chlorobenzene	11.66	112	379977	28.190	ug/L	99
53) Ethylbenzene	11.73	91	721916	28.975	ug/L	99
54) m,p-Xylene	11.84	106	262810	29.009	ug/L	100
55) o-xylene	12.16	106	246806	28.947	ug/L	95
56) Styrene	12.18	104	426330	29.411	ug/L	97
57) Isopropylbenzene	12.46	105	685165	29.210	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	143381	26.960	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	107726	26.263	ug/L	98
62) Bromoform	12.35	173	72507	26.714	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	290487	28.212	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	289196	27.968	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	259040	27.783	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	24724	25.621	ug/L	97
67) 1,3,5-Trichlorobenzene	14.63	180	219216	28.926	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	180125	29.512	ug/L	100
69) Naphthalene	15.37	128	355181	28.897	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	164787	29.151	ug/L	98

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

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