

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120919\
 Data File : VW014273.D
 Acq On : 09 Dec 2019 18:56
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02511

Quant Time: Dec 10 07:37:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 10 07:34:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1273152	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1166888	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	573317	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	426781	22.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.56%
7) Chloroethane-d5	2.89	69	336557	23.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.92%
10) 1,1-Dichloroethene-d2	4.02	63	796873	23.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.60%
20) 2-Butanone-d5	7.07	46	232055	46.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.38%
24) Chloroform-d	7.65	84	800193	24.69	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.76%
26) 1,2-Dichloroethane-d4	8.30	65	417935	24.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.36%
29) Benzene-d6	8.27	84	1668927	24.40	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.60%
33) 1,2-Dichloropropane-d6	9.27	67	514647	24.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.84%
37) Toluene-d8	10.32	98	1518930	24.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.24%
38) trans-1,3-Dichloropropene-	10.57	79	209446	23.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.92%
39) 2-Hexanone-d5	10.92	63	192000	45.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	402865	23.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	507473	23.16	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.64%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	269006	22.215	ug/L	92
3) Chloromethane	2.21	50	239535	19.677	ug/L	97
5) Vinyl chloride	2.36	62	425816	23.625	ug/L	95
6) Bromomethane	2.78	94	256882	23.106	ug/L	100
8) Chloroethane	2.92	64	248230	24.106	ug/L	100
9) Trichlorofluoromethane	3.25	101	211110	23.659	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	400717	23.862	ug/L	94
12) 1,1-Dichloroethene	4.04	96	395368	23.255	ug/L	81
13) Acetone	4.12	43	222258	45.885	ug/L	100
14) Carbon disulfide	4.38	76	1203171	23.074	ug/L	100
15) Methyl Acetate	4.67	43	200287	21.861	ug/L	98
16) Methylene chloride	4.92	84	441946	22.644	ug/L	95
17) Methyl tert-butyl Ether	5.42	73	500630	22.329	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	414207	22.750	ug/L	92
19) 1,1-Dichloroethane	6.21	63	774819	23.686	ug/L	100
21) 2-Butanone	7.16	43	290126	44.613	ug/L	97
22) cis-1,2-Dichloroethene	7.16	96	451010	23.280	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	201751	22.639	ug/L	81
25) Chloroform	7.67	83	757269	23.823	ug/L	99
27) 1,2-Dichloroethane	8.40	62	485560	23.327	ug/L	96
30) Cyclohexane	7.95	56	720935	24.752	ug/L	97
31) 1,1,1-Trichloroethane	7.87	97	568223	24.247	ug/L	98
32) Carbon tetrachloride	8.07	117	528260	23.757	ug/L	100
34) Benzene	8.32	78	1758359	23.799	ug/L	100
35) Trichloroethene	9.09	95	436416	23.086	ug/L	96
36) Methylcyclohexane	9.33	83	771906	24.299	ug/L	97
40) 1,2-Dichloropropane	9.37	63	443037	23.341	ug/L	99
41) Bromodichloromethane	9.64	83	533157	23.113	ug/L	100
42) cis-1,3-Dichloropropene	10.07	75	672181	23.647	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	567816	45.365	ug/L	98
44) Toluene	10.38	91	1856893	23.972	ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	527926	22.943	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	320047	22.501	ug/L	99
47) Tetrachloroethene	10.86	164	363693	23.082	ug/L	98
49) 2-Hexanone	10.96	43	405922	45.552	ug/L	98
50) Dibromochloromethane	11.13	129	358723	22.471	ug/L	99
51) 1,2-Dibromoethane	11.23	107	294125	21.831	ug/L	95
52) Chlorobenzene	11.65	112	1147959	22.931	ug/L	93
53) Ethylbenzene	11.73	91	2025193	24.095	ug/L	98
54) m,p-Xylene	11.83	106	776995	24.032	ug/L	99
55) o-xylene	12.16	106	731194	23.843	ug/L	99
56) Styrene	12.18	104	1272671	24.258	ug/L	97
57) Isopropylbenzene	12.46	105	1958310	24.597	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	385905	21.859	ug/L	95
59) 1,2,3-Trichloropropane	12.77	75	283273	21.594	ug/L	99
62) Bromoform	12.35	173	206446	21.216	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	895823	23.247	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	905470	23.128	ug/L	98
65) 1,2-Dichlorobenzene	13.86	146	819334	22.864	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.48	75	57837	20.922	ug/L	84
67) 1,3,5-Trichlorobenzene	14.63	180	651789	23.510	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	527915	24.426	ug/L	100
69) Naphthalene	15.36	128	968496	23.828	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	484715	23.915	ug/L	98

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

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