

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102618\
 Data File : VW006374.D
 Acq On : 25 Oct 2018 20:07
 Operator : SY/AP
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02507

Quant Time: Oct 26 04:11:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 26 04:05:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	368674	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	347801	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	194434	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	63933	15.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.52%
7) Chloroethane-d5	2.90	69	68222	19.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.24%
10) 1,1-Dichloroethene-d2	4.02	63	160080	20.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.20%
20) 2-Butanone-d5	7.09	46	56592	41.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.12%
24) Chloroform-d	7.65	84	176120	22.05	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.20%
26) 1,2-Dichloroethane-d4	8.31	65	96683	21.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.52%
29) Benzene-d6	8.27	84	323591	20.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.96%
33) 1,2-Dichloropropane-d6	9.28	67	99372	20.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.40%
37) Toluene-d8	10.33	98	319660	20.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.96%
38) trans-1,3-Dichloropropene-	10.58	79	43139	18.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.52%
39) 2-Hexanone-d5	10.93	63	49454	42.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.90%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	108032	23.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.24%
61) 1,2-Dichlorobenzene-d4	13.86	152	146526	21.99	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.96%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	111895	32.112	ug/L	98
3) Chloromethane	2.22	50	94569	27.636	ug/L	95
5) Vinyl chloride	2.37	62	141990	25.745	ug/L	99
6) Bromomethane	2.79	94	111056	25.860	ug/L	99
8) Chloroethane	2.93	64	91581	27.090	ug/L	98
9) Trichlorofluoromethane	3.26	101	135029	30.602	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	126309	28.632	ug/L	99
12) 1,1-Dichloroethene	4.04	96	114371	27.020	ug/L #	74
13) Acetone	4.14	43	63486	45.598	ug/L	99
14) Carbon disulfide	4.38	76	326047	23.563	ug/L	99
15) Methyl Acetate	4.68	43	56339	24.982	ug/L	96
16) Methylene chloride	4.92	84	121445	25.514	ug/L	95
17) Methyl tert-butyl Ether	5.43	73	187327	27.188	ug/L	98
18) trans-1,2-Dichloroethene	5.43	96	124949	26.663	ug/L	98
19) 1,1-Dichloroethane	6.22	63	200381	26.423	ug/L	98
21) 2-Butanone	7.18	43	81768	44.198	ug/L	95
22) cis-1,2-Dichloroethene	7.17	96	137695	26.937	ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	66420	27.625	ug/L	96
25) Chloroform	7.68	83	222080	27.205	ug/L	100
27) 1,2-Dichloroethane	8.40	62	152327	27.376	ug/L	99
30) Cyclohexane	7.96	56	190354	24.901	ug/L	96
31) 1,1,1-Trichloroethane	7.88	97	195647	26.882	ug/L	99
32) Carbon tetrachloride	8.07	117	187452	26.263	ug/L	99
34) Benzene	8.33	78	477705	26.755	ug/L	100
35) Trichloroethene	9.09	95	137059	27.283	ug/L	99
36) Methylcyclohexane	9.34	83	242179	26.311	ug/L	98
40) 1,2-Dichloropropane	9.37	63	116247	26.246	ug/L	99
41) Bromodichloromethane	9.65	83	156619	26.186	ug/L	100
42) cis-1,3-Dichloropropene	10.08	75	183317	25.340	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	166864	47.016	ug/L	97
44) Toluene	10.39	91	544802	27.175	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	160628	25.420	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	101892	27.626	ug/L	96
47) Tetrachloroethene	10.87	164	129947	27.945	ug/L	95
49) 2-Hexanone	10.98	43	122510	46.837	ug/L	96
50) Dibromochloromethane	11.13	129	123953	26.219	ug/L	96
51) 1,2-Dibromoethane	11.24	107	105998	27.609	ug/L	98
52) Chlorobenzene	11.66	112	374410	27.597	ug/L	96
53) Ethylbenzene	11.74	91	635556	27.231	ug/L	99
54) m,p-Xylene	11.85	106	247290	27.030	ug/L	99
55) o-xylene	12.17	106	239138	27.376	ug/L	98
56) Styrene	12.19	104	409438	27.218	ug/L	95
57) Isopropylbenzene	12.47	105	668395	27.500	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	132508	27.646	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	97798	27.347	ug/L	99
62) Bromoform	12.35	173	80024	24.563	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	328234	27.490	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	329156	27.375	ug/L	100
65) 1,2-Dichlorobenzene	13.88	146	306476	27.901	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	21579	24.407	ug/L	90
67) 1,3,5-Trichlorobenzene	14.64	180	268534	27.900	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	228534	27.846	ug/L	100
69) Naphthalene	15.38	128	447730	26.945	ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	206163	27.962	ug/L	99

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

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