

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100819\
 Data File : VW013484.D
 Acq On : 08 Oct 2019 13:14
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICSVW100819

Manual Integrations
 APPROVED

MMDadoda
 10/9/2019 4:09:40 PM

Quant Time: Oct 09 06:27:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 05:54:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	342615	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	481796	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	414338	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	211568	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	138688	52.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.78%	
35) Dibromofluoromethane	7.88	113	142551	52.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.94%	
50) Toluene-d8	10.32	98	604539	53.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.92%	
62) 4-Bromofluorobenzene	12.62	95	205586	54.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.24%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	63928	56.330	ug/l	97
3) Chloromethane	2.21	50	103268	51.767	ug/l	98
4) Vinyl Chloride	2.36	62	150853	51.267	ug/l	100
5) Bromomethane	2.78	94	92805	52.860	ug/l	97
6) Chloroethane	2.92	64	85281	51.608	ug/l	94
7) Trichlorofluoromethane	3.25	101	75888	54.509	ug/l	98
8) Diethyl Ether	3.68	74	75817	52.615	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	146140	50.932	ug/l	99
10) Methyl Iodide	4.27	142	234934	51.707	ug/l	99
11) Tert butyl alcohol	5.18	59	50017	268.312	ug/l #	83
12) 1,1-Dichloroethene	4.04	96	153486	51.616	ug/l	97
13) Acrolein	3.90	56	57751	243.736	ug/l	98
14) Allyl chloride	4.66	41	238921	52.284	ug/l	99
15) Acrylonitrile	5.36	53	168328	249.933	ug/l	99
16) Acetone	4.13	43	166768	270.733	ug/l	98
17) Carbon Disulfide	4.38	76	429295	51.433	ug/l	100
18) Methyl Acetate	4.67	43	79508	45.060	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	232371	51.678	ug/l	98
20) Methylene Chloride	4.91	84	156735	52.817	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	162219	51.339	ug/l	96
22) Diisopropyl ether	6.31	45	450213	52.583	ug/l	99
23) Vinyl Acetate	6.25	43	1365220	265.591	ug/l	97
24) 1,1-Dichloroethane	6.21	63	271093	51.803	ug/l	100
25) 2-Butanone	7.17	43	219504	241.795	ug/l	96
26) 2,2-Dichloropropane	7.16	77	167684	49.705	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	175406	52.463	ug/l	99
28) Bromochloromethane	7.51	49	103471	51.019	ug/l #	99
29) Tetrahydrofuran	7.53	42	136352	245.752	ug/l	99
30) Chloroform	7.67	83	262684	51.894	ug/l	95
31) Cyclohexane	7.95	56	276022	49.833	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	213687	51.932	ug/l	100
36) 1,1-Dichloropropene	8.08	75	225506	51.740	ug/l	100
37) Ethyl Acetate	7.25	43	95411	48.248	ug/l	99
38) Carbon Tetrachloride	8.07	117	201049	52.035	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	293641	52.002	ug/l	99
40) Benzene	8.32	78	633788	52.093	ug/l	100
41) Methacrylonitrile	7.48	41	57959	51.542	ug/l	97
42) 1,2-Dichloroethane	8.40	62	160537	52.204	ug/l	99
43) Isopropyl Acetate	8.42	43	180690	50.576	ug/l	99
44) Trichloroethene	9.09	130	182262	52.513	ug/l	99
45) 1,2-Dichloropropane	9.37	63	153908	52.705	ug/l	98
46) Dibromomethane	9.46	93	74632	51.302	ug/l	99
47) Bromodichloromethane	9.64	83	194565	53.802	ug/l	98
48) Methyl methacrylate	9.43	41	85953	48.842	ug/l	96
49) 1,4-Dioxane	9.46	88	24332	952.548	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	463835	246.947	ug/l	99
52) Toluene	10.38	92	410942	52.436	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	201872	53.722	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	246382	54.120	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	115490	52.889	ug/l	94
56) Ethyl methacrylate	10.65	69	154243	52.446	ug/l	99
57) 1,3-Dichloropropane	10.93	76	196047	52.286	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	352536	254.082	ug/l	99
59) 2-Hexanone	10.97	43	327742	254.463	ug/l	100
60) Dibromochloromethane	11.13	129	135363	53.905	ug/l	96
61) 1,2-Dibromoethane	11.23	107	108486	52.234	ug/l	99
64) Tetrachloroethene	10.86	164	157431	51.625	ug/l	97
65) Chlorobenzene	11.66	112	427729	51.953	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	150367	52.578	ug/l	99
67) Ethyl Benzene	11.73	91	779926	51.829	ug/l	99
68) m/p-Xylenes	11.84	106	599823	104.763	ug/l	99
69) o-Xylene	12.16	106	277144	52.392	ug/l	99
70) Styrene	12.18	104	485268	53.428	ug/l	100
71) Bromoform	12.35	173	82160	52.362	ug/l #	100
73) Isopropylbenzene	12.46	105	774566	51.111	ug/l	100
74) N-amyl acetate	12.27	43	169835	51.241	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	126932	49.140	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	80938m	45.934	ug/l	
77) Bromobenzene	12.74	156	184092	51.248	ug/l	98
78) n-propylbenzene	12.80	91	911043	51.987	ug/l	100
79) 2-Chlorotoluene	12.89	91	502744	51.206	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	649957	51.617	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	42816	49.671	ug/l	97
82) 4-Chlorotoluene	12.99	91	528721	51.884	ug/l	100
83) tert-Butylbenzene	13.21	119	582774	52.114	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	642443	51.587	ug/l	100
85) sec-Butylbenzene	13.38	105	794018	51.389	ug/l	100
86) p-Isopropyltoluene	13.50	119	742230	52.283	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	353060	51.835	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	348533	52.234	ug/l	100
89) n-Butylbenzene	13.82	91	679332	52.973	ug/l	99
90) Hexachloroethane	14.09	117	128525	52.912	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	311881	51.861	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	20032	48.645	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	233245	54.879	ug/l	99
94) Hexachlorobutadiene	15.24	225	152002	53.817	ug/l	98
95) Naphthalene	15.36	128	402489	54.745	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	202379	54.454	ug/l	99

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

