

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062819\
 Data File : VW011026.D
 Acq On : 27 Jun 2019 18:37
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW062819

Manual Integrations
 APPROVED

MMDadoda
 6/28/2019 10:25:17 AM

Quant Time: Jun 28 02:12:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 01:55:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	223856	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	370712	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	332142	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	163353	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	151260	51.69	ug/l	0.00
Spiked Amount			Recovery	=	103.38%	
35) Dibromofluoromethane	7.88	113	116415	51.43	ug/l	0.00
Spiked Amount			Recovery	=	102.86%	
50) Toluene-d8	10.32	98	486332	52.19	ug/l	0.00
Spiked Amount			Recovery	=	104.38%	
62) 4-Bromofluorobenzene	12.62	95	176880	51.90	ug/l	0.00
Spiked Amount			Recovery	=	103.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	77999	46.221	ug/l	95
3) Chloromethane	2.21	50	100212	44.297	ug/l	96
4) Vinyl Chloride	2.36	62	133253	45.239	ug/l	99
5) Bromomethane	2.77	94	70452	48.052	ug/l	99
6) Chloroethane	2.92	64	75483	48.606	ug/l	98
7) Trichlorofluoromethane	3.25	101	41526	47.974	ug/l	99
8) Diethyl Ether	3.67	74	70142	51.167	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	117433	48.239	ug/l	100
10) Methyl Iodide	4.27	142	165773	48.671	ug/l	99
11) Tert butyl alcohol	5.16	59	54084	254.467	ug/l	99
12) 1,1-Dichloroethene	4.04	96	121046	47.769	ug/l	96
13) Acrolein	3.89	56	40396	243.733	ug/l	99
14) Allyl chloride	4.66	41	204211	50.071	ug/l	99
15) Acrylonitrile	5.36	53	174267	258.149	ug/l	100
16) Acetone	4.12	43	192387	269.330	ug/l	99
17) Carbon Disulfide	4.39	76	357705	49.758	ug/l	100
18) Methyl Acetate	4.66	43	84914	45.891	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	189456	52.824	ug/l	96
20) Methylene Chloride	4.91	84	131963	45.469	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	128065	49.046	ug/l	99
22) Diisopropyl ether	6.31	45	498155	50.758	ug/l	97
23) Vinyl Acetate	6.25	43	1631586	269.808	ug/l	100
24) 1,1-Dichloroethane	6.21	63	253261	48.887	ug/l	100
25) 2-Butanone	7.17	43	287812	265.072	ug/l	100
26) 2,2-Dichloropropane	7.17	77	124826	46.408	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	138380	49.220	ug/l	99
28) Bromochloromethane	7.51	49	103949	43.103	ug/l	99
29) Tetrahydrofuran	7.52	42	178187	263.625	ug/l	100
30) Chloroform	7.67	83	230197	48.911	ug/l	98
31) Cyclohexane	7.95	56	263191	47.018	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	174218	49.537	ug/l	99
36) 1,1-Dichloropropene	8.08	75	192444	48.298	ug/l	100
37) Ethyl Acetate	7.25	43	121768	52.533	ug/l	98
38) Carbon Tetrachloride	8.06	117	161242	49.139	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	245094	49.983	ug/l	95
40) Benzene	8.32	78	536113	48.920	ug/l	99
41) Methacrylonitrile	7.48	41	76304	54.107	ug/l	99
42) 1,2-Dichloroethane	8.40	62	176524	49.126	ug/l	100
43) Isopropyl Acetate	8.42	43	232279	52.972	ug/l	99
44) Trichloroethene	9.09	130	128069	48.354	ug/l	96
45) 1,2-Dichloropropane	9.37	63	147210	49.465	ug/l	100
46) Dibromomethane	9.46	93	68543	49.246	ug/l	99
47) Bromodichloromethane	9.64	83	175251	50.856	ug/l	99
48) Methyl methacrylate	9.43	41	112083	52.717	ug/l	99
49) 1,4-Dioxane	9.45	88	25110	1072.980	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	610820	264.630	ug/l	100
52) Toluene	10.38	92	331270	49.373	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	189909	52.909	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	221572	51.749	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	99020	50.356	ug/l	97
56) Ethyl methacrylate	10.65	69	157335	53.431	ug/l	98
57) 1,3-Dichloropropane	10.93	76	186822	49.946	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	395741	265.620	ug/l	99
59) 2-Hexanone	10.97	43	442118	274.664	ug/l	99
60) Dibromochloromethane	11.13	129	107627	52.194	ug/l	99
61) 1,2-Dibromoethane	11.23	107	93356	50.713	ug/l	99
64) Tetrachloroethene	10.86	164	113337	49.585	ug/l	97
65) Chlorobenzene	11.66	112	332877	48.960	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	116014	50.258	ug/l	99
67) Ethyl Benzene	11.73	91	643725	49.434	ug/l	99
68) m/p-Xylenes	11.84	106	465947	98.609	ug/l	99
69) o-Xylene	12.16	106	222232	50.493	ug/l	99
70) Styrene	12.18	104	386775	50.572	ug/l	99
71) Bromoform	12.35	173	59332	52.723	ug/l #	98
73) Isopropylbenzene	12.46	105	610302	49.871	ug/l	100
74) N-amyl acetate	12.27	43	223643	54.417	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	121466	50.545	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	86770m	50.314	ug/l	
77) Bromobenzene	12.75	156	135017	50.195	ug/l	99
78) n-propylbenzene	12.80	91	754771	49.806	ug/l	99
79) 2-Chlorotoluene	12.89	91	427547	49.383	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	520558	50.188	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	39331	48.646	ug/l	98
82) 4-Chlorotoluene	12.99	91	442766	49.075	ug/l	100
83) tert-Butylbenzene	13.21	119	435129	50.308	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	522816	49.869	ug/l	99
85) sec-Butylbenzene	13.38	105	630698	50.195	ug/l	100
86) p-Isopropyltoluene	13.50	119	567256	50.169	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	262346	49.307	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	260048	48.961	ug/l	99
89) n-Butylbenzene	13.82	91	578950	50.377	ug/l	100
90) Hexachloroethane	14.10	117	98601	50.966	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	233852	48.935	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	21964	53.780	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	173435	51.583	ug/l	100
94) Hexachlorobutadiene	15.24	225	102876	50.447	ug/l	99
95) Naphthalene	15.37	128	347510	55.023	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	154770	51.551	ug/l	99

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

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