

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV101518\
 Data File : VW006069.D
 Acq On : 15 Oct 2018 20:29
 Operator : VA/AP
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW101518

Manual Integrations
 APPROVED

apatel
 10/16/2018 10:34:10 AM

Quant Time: Oct 16 05:40:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 05:36:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	293329	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	431029	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	398226	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	225824	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	124652	51.26	ug/l	0.00
Spiked Amount			Recovery	=	102.52%	
35) Dibromofluoromethane	7.89	113	125336	49.21	ug/l	0.00
Spiked Amount			Recovery	=	98.42%	
50) Toluene-d8	10.33	98	476969	49.22	ug/l	0.00
Spiked Amount			Recovery	=	98.44%	
62) 4-Bromofluorobenzene	12.62	95	185054	50.85	ug/l	0.00
Spiked Amount			Recovery	=	101.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.02	85	76709	52.846	ug/l	93
3) Chloromethane	2.22	50	94106	50.365	ug/l	100
4) Vinyl Chloride	2.37	62	136307	51.082	ug/l	100
5) Bromomethane	2.79	94	120729	49.744	ug/l	98
6) Chloroethane	2.93	64	97142	50.800	ug/l	100
7) Trichlorofluoromethane	3.26	101	123661	49.747	ug/l	99
8) Diethyl Ether	3.68	74	68434	51.801	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	129561	49.734	ug/l	97
10) Methyl Iodide	4.27	142	222921	51.413	ug/l	100
11) Tert butyl alcohol	5.22	59	42713	261.157	ug/l #	86
12) 1,1-Dichloroethene	4.04	96	122244	49.878	ug/l	92
13) Acrolein	3.90	56	37609	237.641	ug/l	94
14) Allyl chloride	4.67	41	178646	50.978	ug/l	99
15) Acrylonitrile	5.38	53	126282	266.505	ug/l	100
16) Acetone	4.15	43	114794	251.715	ug/l	99
17) Carbon Disulfide	4.38	76	374672	50.653	ug/l	99
18) Methyl Acetate	4.68	43	64513	52.715	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	196245	52.572	ug/l	98
20) Methylene Chloride	4.92	84	131364	51.087	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	137807	50.375	ug/l	99
22) Diisopropyl ether	6.32	45	364416	52.623	ug/l	99
23) Vinyl Acetate	6.26	43	1099402	269.008	ug/l	100
24) 1,1-Dichloroethane	6.22	63	230408	51.563	ug/l	100
25) 2-Butanone	7.18	43	166814	253.917	ug/l	98
26) 2,2-Dichloropropane	7.17	77	150505	47.755	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	155323	51.451	ug/l	99
28) Bromochloromethane	7.51	49	95039	55.092	ug/l	98
29) Tetrahydrofuran	7.54	42	109013	269.954	ug/l	99
30) Chloroform	7.68	83	251370	51.632	ug/l	98
31) Cyclohexane	7.96	56	205842	46.257	ug/l	100
32) 1,1,1-Trichloroethane	7.88	97	219430	49.966	ug/l	99
36) 1,1-Dichloropropene	8.09	75	192706	48.505	ug/l	99
37) Ethyl Acetate	7.26	43	78243	53.007	ug/l	99
38) Carbon Tetrachloride	8.07	117	213056	48.919	ug/l	99

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39) Methylcyclohexane	9.34	83	252954	47.898	ug/l	98
40) Benzene	8.33	78	541639	49.701	ug/l	100
41) Methacrylonitrile	7.49	41	47516	53.399	ug/l	99
42) 1,2-Dichloroethane	8.40	62	164882	51.497	ug/l	99
43) Isopropyl Acetate	8.43	43	160115	53.052	ug/l	98
44) Trichloroethene	9.10	130	164544	49.214	ug/l	99
45) 1,2-Dichloropropane	9.37	63	130856	50.179	ug/l	99
46) Dibromomethane	9.46	93	76608	51.542	ug/l	98
47) Bromodichloromethane	9.65	83	184366	51.163	ug/l	98
48) Methyl methacrylate	9.44	41	77220	53.977	ug/l	98
49) 1,4-Dioxane	9.48	88	24221	1058.546	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	402529	266.195	ug/l	100
52) Toluene	10.39	92	364935	49.948	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	189967	52.912	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	209945	50.951	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	107274	51.575	ug/l	99
56) Ethyl methacrylate	10.65	69	136363	53.479	ug/l	99
57) 1,3-Dichloropropane	10.94	76	177113	51.440	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	258072	264.874	ug/l	100
59) 2-Hexanone	10.98	43	280764	260.103	ug/l	99
60) Dibromochloromethane	11.13	129	137010	52.884	ug/l	99
61) 1,2-Dibromoethane	11.24	107	108281	52.102	ug/l	100
64) Tetrachloroethene	10.87	164	150102	48.554	ug/l	99
65) Chlorobenzene	11.66	112	420133	49.283	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	153452	50.652	ug/l	100
67) Ethyl Benzene	11.74	91	724506	49.040	ug/l	99
68) m/p-Xylenes	11.85	106	573615	98.232	ug/l	100
69) o-Xylene	12.17	106	276864	49.750	ug/l	100
70) Styrene	12.19	104	456431	50.436	ug/l	100
71) Bromoform	12.35	173	90861	53.770	ug/l #	99
73) Isopropylbenzene	12.47	105	772501	48.421	ug/l	100
74) N-amyl acetate	12.28	43	164236	53.002	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	128071	52.780	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	102502m	59.427	ug/l	
77) Bromobenzene	12.76	156	195115	49.932	ug/l	99
78) n-propylbenzene	12.81	91	892997	48.112	ug/l	100
79) 2-Chlorotoluene	12.90	91	507203	48.636	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	655847	48.764	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	37986	52.643	ug/l	99
82) 4-Chlorotoluene	12.99	91	536193	49.083	ug/l	100
83) tert-Butylbenzene	13.21	119	584979	48.614	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	670092	49.237	ug/l	100
85) sec-Butylbenzene	13.39	105	821104	48.301	ug/l	99
86) p-Isopropyltoluene	13.51	119	741840	48.246	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	385392	49.557	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	378931	48.938	ug/l	100
89) n-Butylbenzene	13.83	91	679165	48.297	ug/l	99
90) Hexachloroethane	14.10	117	129371	49.672	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	345509	49.808	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	22501	51.793	ug/l	98

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93) 1,2,4-Trichlorobenzene	15.14	180	259978	48.708	ug/l	100
94) Hexachlorobutadiene	15.24	225	160059	47.736	ug/l	100
95) Naphthalene	15.38	128	459340	51.733	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	229693	49.753	ug/l	100

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

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