

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV101918\
 Data File : VW006242.D
 Acq On : 19 Oct 2018 23:05
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 10/22/2018 12:17:56 PM

Quant Time: Oct 20 03:51:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	286404	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	420806	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	388069	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	217815	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	119611	50.37	ug/l	0.00
Spiked Amount			Recovery	=	100.74%	
35) Dibromofluoromethane	7.89	113	123727	49.76	ug/l	0.00
Spiked Amount			Recovery	=	99.52%	
50) Toluene-d8	10.33	98	452971	47.88	ug/l	0.00
Spiked Amount			Recovery	=	95.76%	
62) 4-Bromofluorobenzene	12.62	95	179341	50.48	ug/l	0.00
Spiked Amount			Recovery	=	100.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	72252	50.979	ug/l	97
3) Chloromethane	2.21	50	91398	50.098	ug/l	100
4) Vinyl Chloride	2.37	62	135557	52.030	ug/l	100
5) Bromomethane	2.79	94	108784	45.906	ug/l	98
6) Chloroethane	2.93	64	92964	49.790	ug/l	99
7) Trichlorofluoromethane	3.26	101	109882	45.273	ug/l	98
8) Diethyl Ether	3.68	74	69029	53.515	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	132361	52.038	ug/l	100
10) Methyl Iodide	4.26	142	232265	54.863	ug/l	100
11) Tert butyl alcohol	5.26	59	40592	254.189	ug/l	97
12) 1,1-Dichloroethene	4.03	96	126228	52.749	ug/l	95
13) Acrolein	3.90	56	38730	250.642	ug/l	94
14) Allyl chloride	4.67	41	178904	52.286	ug/l	98
15) Acrylonitrile	5.38	53	131087	283.335	ug/l	99
16) Acetone	4.15	43	111729	250.868	ug/l	99
17) Carbon Disulfide	4.38	76	346329	47.953	ug/l	100
18) Methyl Acetate	4.68	43	66011	55.243	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	203320	55.784	ug/l	97
20) Methylene Chloride	4.92	84	139891	55.871	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	145429	54.446	ug/l	96
22) Diisopropyl ether	6.32	45	371073	54.879	ug/l	99
23) Vinyl Acetate	6.26	43	1084419	271.758	ug/l	99
24) 1,1-Dichloroethane	6.21	63	241281	55.302	ug/l	99
25) 2-Butanone	7.19	43	169650	264.477	ug/l	100
26) 2,2-Dichloropropane	7.17	77	141078	45.846	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	164366	55.763	ug/l	98
28) Bromochloromethane	7.52	49	94322	55.998	ug/l	95
29) Tetrahydrofuran	7.54	42	108324	274.734	ug/l	97
30) Chloroform	7.68	83	264807	55.708	ug/l	98
31) Cyclohexane	7.96	56	205850	47.377	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	222299	51.843	ug/l	99
36) 1,1-Dichloropropene	8.09	75	199444	51.421	ug/l	99
37) Ethyl Acetate	7.26	43	77483	53.768	ug/l	99
38) Carbon Tetrachloride	8.07	117	208519	49.041	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	257493	49.942	ug/l	98
40) Benzene	8.32	78	569495	53.527	ug/l	98
41) Methacrylonitrile	7.49	41	46359	53.364	ug/l	95
42) 1,2-Dichloroethane	8.40	62	172479	55.178	ug/l	99
43) Isopropyl Acetate	8.43	43	155608	52.812	ug/l	99
44) Trichloroethene	9.09	130	174463	53.448	ug/l	99
45) 1,2-Dichloropropane	9.37	63	135785	53.334	ug/l	99
46) Dibromomethane	9.46	93	79464	54.763	ug/l	99
47) Bromodichloromethane	9.65	83	184754	52.516	ug/l	98
48) Methyl methacrylate	9.44	41	76317	54.642	ug/l	96
49) 1,4-Dioxane	9.50	88	26261	1175.584	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	397157	269.023	ug/l	97
52) Toluene	10.39	92	376721	52.814	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	182711	52.127	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	210184	52.248	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	112767	55.533	ug/l	97
56) Ethyl methacrylate	10.65	69	139671	56.107	ug/l	95
57) 1,3-Dichloropropane	10.94	76	184716	54.951	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	239592	251.881	ug/l	99
59) 2-Hexanone	10.98	43	271994	258.100	ug/l	97
60) Dibromochloromethane	11.13	129	134448	53.156	ug/l	100
61) 1,2-Dibromoethane	11.24	107	114097	56.234	ug/l	99
64) Tetrachloroethene	10.87	164	158123	52.487	ug/l	99
65) Chlorobenzene	11.66	112	442926	53.317	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	156659	53.064	ug/l	99
67) Ethyl Benzene	11.74	91	755712	52.491	ug/l	100
68) m/p-Xylenes	11.85	106	601115	105.636	ug/l	99
69) o-Xylene	12.17	106	288285	53.158	ug/l	99
70) Styrene	12.19	104	477382	54.132	ug/l	99
71) Bromoform	12.35	173	83830	50.908	ug/l	99
73) Isopropylbenzene	12.47	105	800146	51.998	ug/l	100
74) N-amyl acetate	12.28	43	156530	52.373	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	130258	55.655	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	84973m	51.075	ug/l	
77) Bromobenzene	12.75	156	204357	54.220	ug/l	99
78) n-propylbenzene	12.81	91	927039	51.782	ug/l	100
79) 2-Chlorotoluene	12.90	91	530261	52.716	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	677806	52.250	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	33522	48.165	ug/l	99
82) 4-Chlorotoluene	12.99	91	561575	53.296	ug/l	100
83) tert-Butylbenzene	13.21	119	603131	51.965	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	694653	52.918	ug/l	100
85) sec-Butylbenzene	13.39	105	847020	51.658	ug/l	100
86) p-Isopropyltoluene	13.51	119	773666	52.166	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	401101	53.473	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	394968	52.885	ug/l	99
89) n-Butylbenzene	13.83	91	702934	51.826	ug/l	100
90) Hexachloroethane	14.10	117	122486	48.758	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	359693	53.759	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	21374	51.008	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	276233	53.656	ug/l	100
94) Hexachlorobutadiene	15.24	225	165954	51.314	ug/l	99
95) Naphthalene	15.38	128	488092	56.993	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	244788	54.972	ug/l	99

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

