

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091218\
 Data File : VW005342.D
 Acq On : 12 Sep 2018 22:47
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.02G/5ML/MSVOA W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 9/13/2018 11:11:42 AM

Quant Time: Sep 13 01:26:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 03:48:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	393230	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	552382	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	548309	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	304537	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	153603	52.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.74%	
35) Dibromofluoromethane	7.89	113	156490	54.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.16%	
50) Toluene-d8	10.33	98	778761	53.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.52%	
62) 4-Bromofluorobenzene	12.62	95	288357	53.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.84%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.00	85	153852	45.36	ug/l	99
3) Chloromethane	2.21	50	213198	47.01	ug/l	99
4) Vinyl Chloride	2.35	62	197401	47.41	ug/l	98
5) Bromomethane	2.75	94	139635	55.63	ug/l	96
6) Chloroethane	2.91	64	113980	49.70	ug/l	99
7) Trichlorofluoromethane	3.25	101	225235	47.82	ug/l	97
8) Diethyl Ether	3.68	74	83654	49.84	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	158711	47.18	ug/l	100
10) Methyl Iodide	4.27	142	185658	44.77	ug/l	100
11) Tert butyl alcohol	5.17	59	69037	287.03	ug/l	99
12) 1,1-Dichloroethene	4.04	96	146546	47.31	ug/l	95
13) Acrolein	3.90	56	54730	235.56	ug/l	100
14) Allyl chloride	4.67	41	221146	46.46	ug/l	98
15) Acrylonitrile	5.37	53	220576	291.28	ug/l	98
16) Acetone	4.13	43	158293	290.76	ug/l	96
17) Carbon Disulfide	4.38	76	555337	51.08	ug/l	99
18) Methyl Acetate	4.68	43	92575	56.97	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	399007	54.08	ug/l	98
20) Methylene Chloride	4.92	84	223128	55.51	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	174735	48.31	ug/l	95
22) Diisopropyl ether	6.32	45	495776	51.74	ug/l	97
23) Vinyl Acetate	6.26	43	1388190	259.97	ug/l	99
24) 1,1-Dichloroethane	6.22	63	289263	49.04	ug/l	98
25) 2-Butanone	7.18	43	245210	285.55	ug/l	99
26) 2,2-Dichloropropane	7.17	77	229836	44.94	ug/l	100
27) cis-1,2-Dichloroethene	7.18	96	194949	50.37	ug/l	98
28) Bromochloromethane	7.52	49	113306	52.07	ug/l #	97
29) Tetrahydrofuran	7.54	42	162009	279.96	ug/l	97
30) Chloroform	7.68	83	294836	49.81	ug/l	97
31) Cyclohexane	7.96	56	295468	47.08	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	267405	50.01	ug/l	100
36) 1,1-Dichloropropene	8.09	75	254547	50.30	ug/l	100
37) Ethyl Acetate	7.26	43	106186	55.16	ug/l	99
38) Carbon Tetrachloride	8.07	117	237635	50.13	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	332608	49.50	ug/l	97
40) Benzene	8.33	78	790359	53.01	ug/l	99
41) Methacrylonitrile	7.49	41	68011	68.87	ug/l	90
42) 1,2-Dichloroethane	8.40	62	186349	52.24	ug/l	99
43) Isopropyl Acetate	8.43	43	205607	57.52	ug/l	99
44) Trichloroethene	9.10	130	210053	51.35	ug/l	99
45) 1,2-Dichloropropane	9.37	63	186156	51.95	ug/l	98
46) Dibromomethane	9.46	93	91995	52.44	ug/l	99
47) Bromodichloromethane	9.65	83	221826	51.69	ug/l	97
48) Methyl methacrylate	9.44	41	101612	54.75	ug/l	90
49) 1,4-Dioxane	9.45	88	41745	1274.61	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	605281	300.90	ug/l	99
52) Toluene	10.40	92	562159	51.88	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	241955	52.17	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	285515	51.41	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	151691	54.23	ug/l	98
56) Ethyl methacrylate	10.65	69	211936	59.77	ug/l	97
57) 1,3-Dichloropropane	10.94	76	251333	54.12	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	452280	293.46	ug/l	99
59) 2-Hexanone	10.98	43	441197	304.23	ug/l	100
60) Dibromochloromethane	11.13	129	172811	55.68	ug/l	100
61) 1,2-Dibromoethane	11.24	107	143305	55.87	ug/l	100
64) Tetrachloroethene	10.87	164	233810	57.48	ug/l	98
65) Chlorobenzene	11.66	112	635274	52.89	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	191565	53.41	ug/l	100
67) Ethyl Benzene	11.74	91	1093239	52.26	ug/l	100
68) m/p-Xylenes	11.85	106	882007	104.64	ug/l	98
69) o-Xylene	12.17	106	416900	53.16	ug/l	99
70) Styrene	12.19	104	700057	54.71	ug/l	100
71) Bromoform	12.35	173	115433	59.36	ug/l #	98
73) Isopropylbenzene	12.47	105	1113508	51.75	ug/l	99
74) N-amyl acetate	12.28	43	237532	58.02	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	184634	57.10	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	124243m	53.04	ug/l	
77) Bromobenzene	12.76	156	273002	53.86	ug/l	99
78) n-propylbenzene	12.81	91	1325793	51.30	ug/l	100
79) 2-Chlorotoluene	12.90	91	764694	51.60	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	959826	52.39	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	54551	54.62	ug/l	99
82) 4-Chlorotoluene	12.99	91	807878	51.86	ug/l	100
83) tert-Butylbenzene	13.21	119	825559	51.52	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	978963	53.17	ug/l	99
85) sec-Butylbenzene	13.39	105	1196268	51.94	ug/l	99
86) p-Isopropyltoluene	13.51	119	1064124	52.20	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	554633	52.11	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	551519	52.75	ug/l	99
89) n-Butylbenzene	13.83	91	992552	51.79	ug/l	99
90) Hexachloroethane	14.10	117	171018	52.36	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	508347	54.34	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	32984	61.34	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	358763	54.21	ug/l	99
94) Hexachlorobutadiene	15.24	225	225610	53.24	ug/l	99
95) Naphthalene	15.38	128	665507	62.02	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	323038	56.73	ug/l	99

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

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