

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091618\
 Data File : VW005407.D
 Acq On : 15 Sep 2018 02:13
 Operator : SY/AP
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICSVW091618

Manual Integrations
 APPROVED

apatel
 9/17/2018 2:24:14 PM

Quant Time: Sep 15 02:35:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	229569	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	347470	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	332061	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	169044	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	112493	47.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.42%	
35) Dibromofluoromethane	7.89	113	92703	47.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.16%	
50) Toluene-d8	10.33	98	448910	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
62) 4-Bromofluorobenzene	12.62	95	163067	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.00	85	98390	50.52	ug/l	99
3) Chloromethane	2.21	50	118448	43.71	ug/l	94
4) Vinyl Chloride	2.35	62	114844	45.24	ug/l	99
5) Bromomethane	2.78	94	76077	49.15	ug/l	97
6) Chloroethane	2.92	64	68529	45.55	ug/l	97
7) Trichlorofluoromethane	3.26	101	165129	49.10	ug/l	99
8) Diethyl Ether	3.69	74	45599	45.62	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.07	101	89181	45.47	ug/l	99
10) Methyl Iodide	4.28	142	120856	48.58	ug/l	99
11) Tert butyl alcohol	5.21	59	36394	253.91	ug/l #	84
12) 1,1-Dichloroethene	4.04	96	80123	45.11	ug/l	92
13) Acrolein	3.90	56	23622	231.10	ug/l	97
14) Allyl chloride	4.67	41	162621	49.20	ug/l	99
15) Acrylonitrile	5.38	53	105272	230.28	ug/l	98
16) Acetone	4.14	43	81729	237.61	ug/l	99
17) Carbon Disulfide	4.39	76	290881	46.49	ug/l	98
18) Methyl Acetate	4.68	43	54704	47.77	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	234492	48.62	ug/l	96
20) Methylene Chloride	4.92	84	118160	49.98	ug/l	95
21) trans-1,2-Dichloroethene	5.43	96	97810	46.11	ug/l	98
22) Diisopropyl ether	6.32	45	335933	51.71	ug/l	99
23) Vinyl Acetate	6.26	43	926108	250.16	ug/l	100
24) 1,1-Dichloroethane	6.23	63	183706	46.60	ug/l	99
25) 2-Butanone	7.18	43	139080	242.63	ug/l	96
26) 2,2-Dichloropropane	7.18	77	172739	48.84	ug/l	100
27) cis-1,2-Dichloroethene	7.18	96	111992	48.54	ug/l	100
28) Bromochloromethane	7.52	49	72097	47.02	ug/l	99
29) Tetrahydrofuran	7.54	42	86730	237.50	ug/l	99
30) Chloroform	7.68	83	194535	47.65	ug/l	100
31) Cyclohexane	7.96	56	183550	48.26	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	190207	50.10	ug/l	99
36) 1,1-Dichloropropene	8.09	75	163118	49.60	ug/l	99
37) Ethyl Acetate	7.26	43	63266	47.31	ug/l	99
38) Carbon Tetrachloride	8.07	117	169003	49.32	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.34	83	198580	51.97	ug/l	99
40) Benzene	8.33	78	460175	48.31	ug/l	100
41) Methacrylonitrile	7.49	41	39920	49.48	ug/l	97
42) 1,2-Dichloroethane	8.41	62	138348	46.40	ug/l	99
43) Isopropyl Acetate	8.43	43	129451	49.60	ug/l	100
44) Trichloroethene	9.10	130	119447	48.72	ug/l	97
45) 1,2-Dichloropropane	9.38	63	110143	48.39	ug/l	98
46) Dibromomethane	9.46	93	50711	45.30	ug/l	97
47) Bromodichloromethane	9.65	83	147779	48.72	ug/l	97
48) Methyl methacrylate	9.45	41	65398	50.21	ug/l	97
49) 1,4-Dioxane	9.48	88	18471	989.86	ug/l #	99
51) 4-Methyl-2-Pentanone	10.22	43	345723	257.33	ug/l	100
52) Toluene	10.40	92	327420	50.75	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	153110	50.44	ug/l	95
54) cis-1,3-Dichloropropene	10.08	75	174008	50.62	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	77774	46.74	ug/l	97
56) Ethyl methacrylate	10.65	69	109552	52.02	ug/l	99
57) 1,3-Dichloropropane	10.94	76	143811	50.07	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	260489	273.45	ug/l	100
59) 2-Hexanone	10.98	43	238402	260.51	ug/l	99
60) Dibromochloromethane	11.13	129	97707	48.80	ug/l	98
61) 1,2-Dibromoethane	11.24	107	73956	49.56	ug/l	99
64) Tetrachloroethene	10.87	164	123982	50.52	ug/l	97
65) Chlorobenzene	11.66	112	348445	49.44	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	113220	50.26	ug/l	100
67) Ethyl Benzene	11.74	91	638517	51.52	ug/l	99
68) m/p-Xylenes	11.85	106	489074	102.53	ug/l	99
69) o-Xylene	12.17	106	226933	51.09	ug/l	100
70) Styrene	12.19	104	380913	51.96	ug/l	100
71) Bromoform	12.35	173	61243	51.40	ug/l #	99
73) Isopropylbenzene	12.47	105	637914	53.79	ug/l	100
74) N-amyl acetate	12.28	43	133634	53.47	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	90843	52.51	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	67930m	48.86	ug/l	
77) Bromobenzene	12.76	156	142525	50.83	ug/l	99
78) n-propylbenzene	12.81	91	762727	53.29	ug/l	100
79) 2-Chlorotoluene	12.90	91	441111	52.24	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	548093	52.97	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	27641	51.57	ug/l	97
82) 4-Chlorotoluene	12.99	91	458227	51.40	ug/l	100
83) tert-Butylbenzene	13.21	119	464373	54.03	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	557214	53.04	ug/l	100
85) sec-Butylbenzene	13.39	105	663937	53.46	ug/l	99
86) p-Isopropyltoluene	13.51	119	592412	53.34	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	286235	50.34	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	279438	49.90	ug/l	100
89) n-Butylbenzene	13.83	91	550984	53.28	ug/l	100
90) Hexachloroethane	14.10	117	99831	52.46	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	251549	50.62	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16758	50.43	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	173065	52.19	ug/l	99
94) Hexachlorobutadiene	15.24	225	113223	52.29	ug/l	99
95) Naphthalene	15.38	128	298207	53.97	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	148372	51.27	ug/l	100

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

