

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112118\
 Data File : VW006976.D
 Acq On : 20 Nov 2018 15:05
 Operator : SY/AP
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 11/21/2018 11:32:34 AM

Quant Time: Nov 21 03:15:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 02:56:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	116752	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	182702	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	173491	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	86561	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	56475	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
35) Dibromofluoromethane	7.89	113	52784	51.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.32%	
50) Toluene-d8	10.33	98	242220	53.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.32%	
62) 4-Bromofluorobenzene	12.62	95	93936	52.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.78%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.00	85	57327	49.73	ug/l	100
3) Chloromethane	2.21	50	50266	52.32	ug/l	100
4) Vinyl Chloride	2.36	62	49979	52.88	ug/l	100
5) Bromomethane	2.78	94	28465	56.42	ug/l	100
6) Chloroethane	2.92	64	28445	54.59	ug/l	100
7) Trichlorofluoromethane	3.26	101	92299	49.66	ug/l	100
8) Diethyl Ether	3.69	74	29255	48.85	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	57457	47.69	ug/l	100
10) Methyl Iodide	4.28	142	75990	55.09	ug/l	100
11) Tert butyl alcohol	5.20	59	17690	241.20	ug/l	100
12) 1,1-Dichloroethene	4.04	96	52537	49.71	ug/l	100
13) Acrolein	3.90	56	17966	235.11	ug/l	100
14) Allyl chloride	4.68	41	87338	49.83	ug/l	100
15) Acrylonitrile	5.38	53	59699	265.23	ug/l	100
16) Acetone	4.14	43	42696	257.28	ug/l	100
17) Carbon Disulfide	4.39	76	176247	51.59	ug/l	100
18) Methyl Acetate	4.68	43	27962	47.31	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	140769	51.02	ug/l	100
20) Methylene Chloride	4.92	84	65440	39.90	ug/l	100
21) trans-1,2-Dichloroethene	5.43	96	60041	48.77	ug/l	100
22) Diisopropyl ether	6.32	45	171563	50.29	ug/l	100
23) Vinyl Acetate	6.26	43	469301	259.04	ug/l	100
24) 1,1-Dichloroethane	6.22	63	102689	49.48	ug/l	100
25) 2-Butanone	7.18	43	73081	257.12	ug/l	100
26) 2,2-Dichloropropane	7.17	77	90223	48.34	ug/l	100
27) cis-1,2-Dichloroethene	7.18	96	65246	49.77	ug/l	100
28) Bromochloromethane	7.52	49	39020	50.30	ug/l	100
29) Tetrahydrofuran	7.54	42	47352	257.23	ug/l	100
30) Chloroform	7.68	83	107753	48.87	ug/l	100
31) Cyclohexane	7.96	56	106015	48.16	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	97945	49.32	ug/l	100
36) 1,1-Dichloropropene	8.09	75	89878	50.34	ug/l	100
37) Ethyl Acetate	7.26	43	32542	50.30	ug/l	100
38) Carbon Tetrachloride	8.07	117	85600	50.07	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	113527	50.81	ug/l	100
40) Benzene	8.33	78	248105	51.48	ug/l	100
41) Methacrylonitrile	7.49	41	20198	50.27	ug/l	100
42) 1,2-Dichloroethane	8.40	62	69163	49.43	ug/l	100
43) Isopropyl Acetate	8.43	43	63576	51.57	ug/l	100
44) Trichloroethene	9.09	130	68690	50.84	ug/l	100
45) 1,2-Dichloropropane	9.37	63	60440	50.88	ug/l	100
46) Dibromomethane	9.46	93	30012	50.45	ug/l	100
47) Bromodichloromethane	9.65	83	78175	49.87	ug/l	100
48) Methyl methacrylate	9.44	41	31309	52.67	ug/l	100
49) 1,4-Dioxane	9.46	88	9624	1088.37	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	163025	261.65	ug/l	100
52) Toluene	10.39	92	174510	53.21	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	78428	51.65	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	95590	52.11	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	43849	50.10	ug/l	100
56) Ethyl methacrylate	10.65	69	55245	54.37	ug/l	100
57) 1,3-Dichloropropane	10.93	76	74920	51.08	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	128950	242.88	ug/l	100
59) 2-Hexanone	10.97	43	118231	277.10	ug/l	100
60) Dibromochloromethane	11.13	129	51661	51.80	ug/l	100
61) 1,2-Dibromoethane	11.24	107	41516	51.85	ug/l	100
64) Tetrachloroethene	10.87	164	58286	52.22	ug/l	100
65) Chlorobenzene	11.66	112	192019	53.03	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	55802	50.94	ug/l	100
67) Ethyl Benzene	11.73	91	345165	51.89	ug/l	100
68) m/p-Xylenes	11.84	106	272442	104.39	ug/l	100
69) o-Xylene	12.17	106	129061	52.45	ug/l	100
70) Styrene	12.18	104	207443	52.97	ug/l	100
71) Bromoform	12.35	173	26538	51.43	ug/l #	100
73) Isopropylbenzene	12.47	105	349832	52.00	ug/l	100
74) N-amyl acetate	12.27	43	61609	54.64	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	45985	51.36	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	29414m	26.25	ug/l	
77) Bromobenzene	12.75	156	74396	51.49	ug/l	100
78) n-propylbenzene	12.81	91	420726	51.63	ug/l	100
79) 2-Chlorotoluene	12.90	91	241646	51.43	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	303027	52.09	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	14354	52.98	ug/l	100
82) 4-Chlorotoluene	12.99	91	255956	51.91	ug/l	100
83) tert-Butylbenzene	13.21	119	259907	51.60	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	303407	52.35	ug/l	100
85) sec-Butylbenzene	13.39	105	369695	51.96	ug/l	100
86) p-Isopropyltoluene	13.51	119	327302	52.14	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	153905	52.17	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	151577	51.54	ug/l	100
89) n-Butylbenzene	13.83	91	312436	52.89	ug/l	100
90) Hexachloroethane	14.10	117	46712	50.97	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	135367	52.37	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7923	52.40	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	89617	52.58	ug/l	100
94) Hexachlorobutadiene	15.24	225	48284	52.11	ug/l	100
95) Naphthalene	15.38	128	164581	53.20	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	74799	52.90	ug/l	100

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

