

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110918\
 Data File : VW006788.D
 Acq On : 09 Nov 2018 14:49
 Operator : SY/AP
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

apatel
 11/12/2018 3:41:00 PM

Quant Time: Nov 09 15:13:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110918S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 09 13:58:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	316690	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	424546	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	417637	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	232365	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	336020	123.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	246.86%	
35) Dibromofluoromethane	7.89	113	364170	136.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	273.36%	
50) Toluene-d8	10.33	98	1455904	143.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	287.08%	
62) 4-Bromofluorobenzene	12.62	95	547649	148.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	297.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	333226	202.974	ug/l	97
3) Chloromethane	2.21	50	402514	198.158	ug/l	99
4) Vinyl Chloride	2.35	62	423373	149.271	ug/l	100
5) Bromomethane	2.77	94	248029	104.202	ug/l	97
6) Chloroethane	2.91	64	271082	136.791	ug/l	100
7) Trichlorofluoromethane	3.26	101	569035	227.194	ug/l	98
8) Diethyl Ether	3.69	74	175972	128.530	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	364207	136.177	ug/l	99
10) Methyl Iodide	4.27	142	551793	113.786	ug/l	100
11) Tert butyl alcohol	5.22	59	117774	802.971	ug/l	98
12) 1,1-Dichloroethene	4.04	96	331985	128.519	ug/l	97
13) Acrolein	3.90	56	125259	679.005	ug/l	100
14) Allyl chloride	4.67	41	456252	135.312	ug/l	99
15) Acrylonitrile	5.38	53	363311	740.077	ug/l	99
16) Acetone	4.15	43	242388	551.501	ug/l	98
17) Carbon Disulfide	4.38	76	1100101	149.655	ug/l	100
18) Methyl Acetate	4.68	43	169859	134.402	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	822375	213.878	ug/l	98
20) Methylene Chloride	4.92	84	373598	109.173	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	389572	133.279	ug/l	99
22) Diisopropyl ether	6.32	45	958433	136.344	ug/l	97
23) Vinyl Acetate	6.26	43	2805681	719.736	ug/l	100
24) 1,1-Dichloroethane	6.22	63	611234	128.298	ug/l	98
25) 2-Butanone	7.18	43	407944	650.466	ug/l	99
26) 2,2-Dichloropropane	7.17	77	531063	185.049	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	424332	129.759	ug/l	99
28) Bromochloromethane	7.52	49	235150	124.302	ug/l	100
29) Tetrahydrofuran	7.54	42	281437	713.460	ug/l	98
30) Chloroform	7.68	83	661200	126.586	ug/l	99
31) Cyclohexane	7.96	56	547567	126.281	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	595468	134.725	ug/l	99
36) 1,1-Dichloropropene	8.09	75	511031	136.878	ug/l	99
37) Ethyl Acetate	7.26	43	193484	149.546	ug/l	99
38) Carbon Tetrachloride	8.07	117	548357	140.562	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	713842	150.667	ug/l	99
40) Benzene	8.33	78	1487224	140.245	ug/l	100
41) Methacrylonitrile	7.49	41	124883	157.410	ug/l	90
42) 1,2-Dichloroethane	8.40	62	405393	133.300	ug/l	99
43) Isopropyl Acetate	8.43	43	395416	153.156	ug/l	100
44) Trichloroethene	9.10	130	452182	138.182	ug/l	99
45) 1,2-Dichloropropane	9.37	63	343259	139.092	ug/l	100
46) Dibromomethane	9.46	93	204136	140.716	ug/l	99
47) Bromodichloromethane	9.65	83	476993	141.608	ug/l	99
48) Methyl methacrylate	9.44	41	188277	151.362	ug/l	99
49) 1,4-Dioxane	9.48	88	60449	2847.241	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	983020	741.367	ug/l	98
52) Toluene	10.39	92	1067066	150.025	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	510400	157.444	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	579597	151.298	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	297185	144.382	ug/l	98
56) Ethyl methacrylate	10.65	69	372133	159.065	ug/l	99
57) 1,3-Dichloropropane	10.93	76	478785	143.247	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	920619	809.514	ug/l	99
59) 2-Hexanone	10.98	43	674610	749.086	ug/l	98
60) Dibromochloromethane	11.13	129	378398	155.162	ug/l	100
61) 1,2-Dibromoethane	11.24	107	294111	143.887	ug/l	99
64) Tetrachloroethene	10.87	164	437812	131.508	ug/l	99
65) Chlorobenzene	11.66	112	1223667	139.238	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	421143	136.339	ug/l	100
67) Ethyl Benzene	11.74	91	2146558	146.131	ug/l	100
68) m/p-Xylenes	11.84	106	1756384	299.279	ug/l	100
69) o-Xylene	12.17	106	826803	147.983	ug/l	100
70) Styrene	12.19	104	1368466	150.233	ug/l	100
71) Bromoform	12.35	173	249212	152.199	ug/l #	99
73) Isopropylbenzene	12.47	105	2258912	147.573	ug/l	100
74) N-amyl acetate	12.28	43	386688	146.190	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	330103	136.541	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	255321m	140.830	ug/l	
77) Bromobenzene	12.75	156	552049	139.294	ug/l	98
78) n-propylbenzene	12.81	91	2614405	148.491	ug/l	100
79) 2-Chlorotoluene	12.90	91	1448198	143.324	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	1890466	147.006	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	108305	173.480	ug/l	95
82) 4-Chlorotoluene	12.99	91	1543917	144.427	ug/l	100
83) tert-Butylbenzene	13.21	119	1674331	146.000	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1917862	145.398	ug/l	100
85) sec-Butylbenzene	13.39	105	2348240	146.200	ug/l	100
86) p-Isopropyltoluene	13.51	119	2146072	146.842	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	1095542	140.364	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	1068146	138.063	ug/l	100
89) n-Butylbenzene	13.83	91	1948989	150.230	ug/l	99
90) Hexachloroethane	14.10	117	349819	145.637	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	942197	134.202	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	52782	134.549	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	709868	135.979	ug/l	100
94) Hexachlorobutadiene	15.24	225	423758	130.242	ug/l	99
95) Naphthalene	15.38	128	1227428	146.291	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	616252	134.314	ug/l	99

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

