

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090118\
 Data File : VW005055.D
 Acq On : 01 Sep 2018 00:13
 Operator : SY/AP
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

apatel
 9/4/2018 9:36:51 AM

Quant Time: Sep 01 03:19:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:06:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	495289	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	716537	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	722520	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	399577	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	43557	12.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	25.02%	
35) Dibromofluoromethane	7.90	113	42306	11.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	23.22%	
50) Toluene-d8	10.33	98	193441	9.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.78%	
62) 4-Bromofluorobenzene	12.62	95	68319	9.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.22%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.00	85	46622	10.95	ug/l	96
3) Chloromethane	2.22	50	63180	10.37	ug/l	93
4) Vinyl Chloride	2.36	62	59538	9.83	ug/l	99
5) Bromomethane	2.77	94	44702	11.21	ug/l	97
6) Chloroethane	2.92	64	36793	10.16	ug/l	100
7) Trichlorofluoromethane	3.26	101	64833	10.32	ug/l	96
8) Diethyl Ether	3.69	74	22984	12.33	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	44694	11.31	ug/l	97
10) Methyl Iodide	4.28	142	47648	8.80	ug/l	100
11) Tert butyl alcohol	5.20	59	15315	60.43	ug/l #	88
12) 1,1-Dichloroethene	4.04	96	39704	10.80	ug/l	98
13) Acrolein	3.90	56	13431	47.63	ug/l	96
14) Allyl chloride	4.68	41	59700	10.49	ug/l	99
15) Acrylonitrile	5.38	53	48328	52.48	ug/l	98
16) Acetone	4.14	43	42329	54.54	ug/l	96
17) Carbon Disulfide	4.38	76	137554	9.14	ug/l	97
18) Methyl Acetate	4.68	43	21874	11.31	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	92950	11.49	ug/l	98
20) Methylene Chloride	4.93	84	76490	11.78	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	48943	12.01	ug/l	98
22) Diisopropyl ether	6.32	45	125474	10.78	ug/l	97
23) Vinyl Acetate	6.26	43	334687	55.83	ug/l	97
24) 1,1-Dichloroethane	6.23	63	81632	11.51	ug/l	99
25) 2-Butanone	7.18	43	75382	61.45	ug/l	96
26) 2,2-Dichloropropane	7.17	77	69260	11.25	ug/l	98
27) cis-1,2-Dichloroethene	7.18	96	52131	11.69	ug/l	95
28) Bromochloromethane	7.52	49	33822	11.09	ug/l	99
29) Tetrahydrofuran	7.54	42	35459	56.65	ug/l	100
30) Chloroform	7.68	83	84541	12.03	ug/l	100
31) Cyclohexane	7.96	56	80980	10.98	ug/l #	91
32) 1,1,1-Trichloroethane	7.88	97	75059	11.73	ug/l	99
36) 1,1-Dichloropropene	8.09	75	68478	11.10	ug/l	99
37) Ethyl Acetate	7.26	43	26465	11.72	ug/l	99
38) Carbon Tetrachloride	8.08	117	66700	11.12	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	75789	9.00	ug/l	98
40) Benzene	8.33	78	206313	10.48	ug/l	100
41) Methacrylonitrile	7.49	41	15188	11.42	ug/l	98
42) 1,2-Dichloroethane	8.41	62	52961	11.85	ug/l	100
43) Isopropyl Acetate	8.43	43	45679	10.33	ug/l	98
44) Trichloroethene	9.10	130	55885	11.02	ug/l	93
45) 1,2-Dichloropropane	9.37	63	51034	11.24	ug/l	100
46) Dibromomethane	9.46	93	25436	11.70	ug/l	98
47) Bromodichloromethane	9.65	83	61646	11.47	ug/l	95
48) Methyl methacrylate	9.44	41	20584	8.98	ug/l	95
49) 1,4-Dioxane	9.46	88	8008	182.74	ug/l #	86
51) 4-Methyl-2-Pentanone	10.22	43	154627	47.35	ug/l	98
52) Toluene	10.39	92	137809	9.47	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	56722	10.07	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	70843	10.71	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	38609	11.00	ug/l	95
56) Ethyl methacrylate	10.65	69	39522	8.73	ug/l	99
57) 1,3-Dichloropropane	10.94	76	62231	10.82	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	92953	47.18	ug/l	98
59) 2-Hexanone	10.98	43	102726	43.77	ug/l	99
60) Dibromochloromethane	11.13	129	42122	10.95	ug/l	99
61) 1,2-Dibromoethane	11.24	107	34467	10.58	ug/l	100
64) Tetrachloroethene	10.87	164	55486	10.39	ug/l	97
65) Chlorobenzene	11.66	112	160704	10.03	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	47407	10.69	ug/l	98
67) Ethyl Benzene	11.74	91	258509	9.42	ug/l	100
68) m/p-Xylenes	11.85	106	209410	18.78	ug/l	100
69) o-Xylene	12.17	106	94285	9.26	ug/l	100
70) Styrene	12.19	104	156774	9.27	ug/l	100
71) Bromoform	12.35	173	25832	10.54	ug/l #	99
73) Isopropylbenzene	12.47	105	253269	9.34	ug/l	99
74) N-amyl acetate	12.28	43	44556	8.86	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	42081	10.34	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	33919m	11.86	ug/l	
77) Bromobenzene	12.75	156	66735	10.04	ug/l	99
78) n-propylbenzene	12.81	91	309325	9.28	ug/l	100
79) 2-Chlorotoluene	12.90	91	185254	9.62	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	223556	9.36	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	10968	8.79	ug/l	92
82) 4-Chlorotoluene	12.99	91	200404	9.79	ug/l	100
83) tert-Butylbenzene	13.21	119	182917	9.12	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	227110	9.36	ug/l	100
85) sec-Butylbenzene	13.39	105	275309	9.37	ug/l	100
86) p-Isopropyltoluene	13.51	119	240531	9.14	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	137741	9.83	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	139531	10.06	ug/l	98
89) n-Butylbenzene	13.83	91	220740	8.96	ug/l	98
90) Hexachloroethane	14.10	117	40846	9.84	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	122686	9.95	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6720	9.63	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	78481	9.14	ug/l	100
94) Hexachlorobutadiene	15.24	225	50440	9.40	ug/l	99
95) Naphthalene	15.38	128	114112	8.16	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	67140	8.89	ug/l	99

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

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