

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082918\
 Data File : VW004998.D
 Acq On : 29 Aug 2018 12:36
 Operator : SY/AP
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

apatel
 8/30/2018 12:42:29 PM

Quant Time: Aug 30 01:31:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 30 01:20:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	520527	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	724055	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	764074	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	439843	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	36952	10.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.76%	
35) Dibromofluoromethane	7.89	113	36201	10.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.18%	
50) Toluene-d8	10.33	98	192693	9.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.56%	
62) 4-Bromofluorobenzene	12.62	95	71111	9.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	50452	11.219	ug/l	98
3) Chloromethane	2.22	50	66444	10.404	ug/l	97
4) Vinyl Chloride	2.36	62	67288	10.555	ug/l	99
5) Bromomethane	2.77	94	45724	10.973	ug/l	92
6) Chloroethane	2.92	64	39481	10.473	ug/l	95
7) Trichlorofluoromethane	3.26	101	68043	10.323	ug/l	98
8) Diethyl Ether	3.69	74	18583	9.915	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	42754	10.509	ug/l	100
10) Methyl Iodide	4.28	142	46280	8.317	ug/l	99
11) Tert butyl alcohol	5.20	59	13569	63.844	ug/l #	73
12) 1,1-Dichloroethene	4.04	96	38017	10.002	ug/l	93
13) Acrolein	3.91	56	14636	48.206	ug/l	96
14) Allyl chloride	4.67	41	55677	9.513	ug/l	99
15) Acrylonitrile	5.39	53	46148	48.284	ug/l	100
16) Acetone	4.14	43	41034	51.103	ug/l	100
17) Carbon Disulfide	4.38	76	157652	9.868	ug/l	98
18) Methyl Acetate	4.68	43	19049	9.794	ug/l	99
19) Methyl tert-butyl Ether	5.44	73	76502	9.366	ug/l	98
20) Methylene Chloride	4.92	84	75915	11.220	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	40968	9.927	ug/l	95
22) Diisopropyl ether	6.32	45	106993	8.955	ug/l	96
23) Vinyl Acetate	6.26	43	276528	45.269	ug/l	100
24) 1,1-Dichloroethane	6.22	63	71544	9.897	ug/l	99
25) 2-Butanone	7.18	43	64058	51.158	ug/l	98
26) 2,2-Dichloropropane	7.17	77	66962	10.553	ug/l	97
27) cis-1,2-Dichloroethene	7.18	96	43887	9.775	ug/l	97
28) Bromochloromethane	7.53	49	30903	9.722	ug/l	98
29) Tetrahydrofuran	7.54	42	31347	49.557	ug/l	100
30) Chloroform	7.68	83	72033	10.131	ug/l	98
31) Cyclohexane	7.96	56	74286	9.696	ug/l #	84
32) 1,1,1-Trichloroethane	7.88	97	66586	10.177	ug/l	99
36) 1,1-Dichloropropene	8.09	75	56712	9.244	ug/l	100
37) Ethyl Acetate	7.26	43	22442	10.149	ug/l	99
38) Carbon Tetrachloride	8.07	117	60164	10.133	ug/l	98

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39) Methylcyclohexane	9.34	83	74120	8.764	ug/l	99
40) Benzene	8.33	78	186626	9.503	ug/l	99
41) Methacrylonitrile	7.49	41	14356	11.140	ug/l	87
42) 1,2-Dichloroethane	8.41	62	44751	10.241	ug/l	99
43) Isopropyl Acetate	8.43	43	41463	9.423	ug/l	98
44) Trichloroethene	9.10	130	48142	9.598	ug/l	98
45) 1,2-Dichloropropane	9.37	63	43208	9.617	ug/l	100
46) Dibromomethane	9.46	93	21439	10.082	ug/l	99
47) Bromodichloromethane	9.65	83	51944	9.886	ug/l	99
48) Methyl methacrylate	9.45	41	20202	8.647	ug/l #	89
49) 1,4-Dioxane	9.48	88	8337	188.921	ug/l #	93
51) 4-Methyl-2-Pentanone	10.21	43	157169	47.692	ug/l	99
52) Toluene	10.40	92	140368	9.634	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	49622	8.843	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	60551	9.253	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	33142	9.522	ug/l	97
56) Ethyl methacrylate	10.65	69	40807	8.938	ug/l	97
57) 1,3-Dichloropropane	10.94	76	55111	9.622	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	86489	43.971	ug/l	100
59) 2-Hexanone	10.98	43	114788	48.108	ug/l	97
60) Dibromochloromethane	11.13	129	35626	9.326	ug/l	99
61) 1,2-Dibromoethane	11.24	107	31135	9.541	ug/l	98
64) Tetrachloroethene	10.87	164	54159	9.722	ug/l	96
65) Chlorobenzene	11.66	112	163075	9.714	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	43044	9.336	ug/l	99
67) Ethyl Benzene	11.74	91	266886	9.285	ug/l	100
68) m/p-Xylenes	11.85	106	218837	18.666	ug/l	98
69) o-Xylene	12.17	106	95540	8.918	ug/l	96
70) Styrene	12.19	104	159603	8.981	ug/l	99
71) Bromoform	12.35	173	23976	9.352	ug/l #	97
73) Isopropylbenzene	12.47	105	260539	8.886	ug/l	100
74) N-amyl acetate	12.28	43	49798	9.000	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	43104	9.709	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	29232m	5.324	ug/l	
77) Bromobenzene	12.76	156	67630	9.401	ug/l	99
78) n-propylbenzene	12.81	91	320905	8.873	ug/l	100
79) 2-Chlorotoluene	12.90	91	191780	9.181	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	229592	8.863	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	12615	9.152	ug/l	96
82) 4-Chlorotoluene	12.99	91	208736	9.379	ug/l	99
83) tert-Butylbenzene	13.21	119	193714	8.903	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	233277	8.875	ug/l	100
85) sec-Butylbenzene	13.39	105	287941	9.015	ug/l	99
86) p-Isopropyltoluene	13.51	119	252858	8.837	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	145459	9.538	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	145544	9.634	ug/l	97
89) n-Butylbenzene	13.84	91	232613	8.660	ug/l	99
90) Hexachloroethane	14.10	117	41244	9.169	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	129080	9.615	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7470	9.743	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	84306	8.964	ug/l	100
94) Hexachlorobutadiene	15.24	225	55893	9.494	ug/l	98
95) Naphthalene	15.38	128	129888	8.418	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	75698	9.111	ug/l	99

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

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