

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041719\
 Data File : VW010021.D
 Acq On : 17 Apr 2019 17:34
 Operator : SY/VA
 Sample : VW0417SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0417SBS01

Manual Integrations
 APPROVED

MMDadoda
 4/18/2019 11:40:43 AM

Quant Time: Apr 18 03:07:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W041719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 02:23:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	394813	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	629037	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	574243	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	296948	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	241229	49.51	ug/l	0.00
Spiked Amount			Recovery	=	99.02%	
35) Dibromofluoromethane	7.88	113	194811	48.71	ug/l	0.00
Spiked Amount			Recovery	=	97.42%	
50) Toluene-d8	10.32	98	753423	50.28	ug/l	0.00
Spiked Amount			Recovery	=	100.56%	
62) 4-Bromofluorobenzene	12.62	95	274299	50.36	ug/l	0.00
Spiked Amount			Recovery	=	100.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	59651	19.815	ug/l	97
3) Chloromethane	2.21	50	56110	18.638	ug/l	99
4) Vinyl Chloride	2.37	62	68520	19.581	ug/l	95
5) Bromomethane	2.77	94	44691	19.004	ug/l	99
6) Chloroethane	2.92	64	43967	19.230	ug/l	94
7) Trichlorofluoromethane	3.25	101	44774	18.506	ug/l	99
8) Diethyl Ether	3.67	74	40127	19.938	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	79048	19.416	ug/l	100
10) Methyl Iodide	4.26	142	106463	18.923	ug/l	100
11) Tert butyl alcohol	5.18	59	28893	104.110	ug/l	97
12) 1,1-Dichloroethene	4.03	96	73830	18.916	ug/l	99
13) Acrolein	3.88	56	27606	94.552	ug/l	96
14) Allyl chloride	4.65	41	124237	17.904	ug/l	98
15) Acrylonitrile	5.36	53	108461	104.720	ug/l	98
16) Acetone	4.12	43	108336	95.834	ug/l	100
17) Carbon Disulfide	4.37	76	197741	17.706	ug/l	100
18) Methyl Acetate	4.67	43	52907	20.222	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	109938	21.686	ug/l	94
20) Methylene Chloride	4.91	84	97831	19.643	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	82046	19.412	ug/l	93
22) Diisopropyl ether	6.31	45	289368	20.558	ug/l	99
23) Vinyl Acetate	6.25	43	951191	107.350	ug/l	98
24) 1,1-Dichloroethane	6.20	63	167455	19.901	ug/l	99
25) 2-Butanone	7.17	43	161852	108.993	ug/l	93
26) 2,2-Dichloropropane	7.16	77	90087	19.352	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	91070	19.592	ug/l	99
28) Bromochloromethane	7.50	49	72489	21.081	ug/l	98
29) Tetrahydrofuran	7.53	42	102011	108.415	ug/l	98
30) Chloroform	7.67	83	167750	19.896	ug/l	99
31) Cyclohexane	7.95	56	153251	19.450	ug/l	93
32) 1,1,1-Trichloroethane	7.87	97	129507	19.566	ug/l	97
36) 1,1-Dichloropropene	8.07	75	131268	20.429	ug/l	99
37) Ethyl Acetate	7.25	43	68721	21.047	ug/l	98
38) Carbon Tetrachloride	8.06	117	125057	19.942	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	142803	19.024	ug/l	97
40) Benzene	8.32	78	358778	20.421	ug/l	100
41) Methacrylonitrile	7.48	41	40662	21.851	ug/l	98
42) 1,2-Dichloroethane	8.40	62	124310	20.589	ug/l	100
43) Isopropyl Acetate	8.42	43	132985	21.735	ug/l	97
44) Trichloroethene	9.09	130	88287	19.785	ug/l	97
45) 1,2-Dichloropropane	9.37	63	93730	20.297	ug/l	90
46) Dibromomethane	9.45	93	49480	20.673	ug/l	99
47) Bromodichloromethane	9.64	83	121664	19.691	ug/l	96
48) Methyl methacrylate	9.43	41	63836	21.434	ug/l	99
49) 1,4-Dioxane	9.45	88	14475	395.790	ug/l	93
51) 4-Methyl-2-Pentanone	10.21	43	357531	111.570	ug/l	98
52) Toluene	10.38	92	226761	20.720	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	127475	20.809	ug/l	93
54) cis-1,3-Dichloropropene	10.07	75	140520	20.089	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	69020	20.660	ug/l	94
56) Ethyl methacrylate	10.65	69	86573	20.318	ug/l	98
57) 1,3-Dichloropropane	10.93	76	125057	20.885	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	268586	134.548	ug/l	100
59) 2-Hexanone	10.97	43	253993	113.862	ug/l	98
60) Dibromochloromethane	11.13	129	78845	20.420	ug/l	99
61) 1,2-Dibromoethane	11.23	107	65045	20.468	ug/l	97
64) Tetrachloroethene	10.86	164	74405	19.960	ug/l	99
65) Chlorobenzene	11.66	112	245565	20.893	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	84806	20.177	ug/l	97
67) Ethyl Benzene	11.73	91	427407	20.382	ug/l	98
68) m/p-Xylenes	11.84	106	325826	41.567	ug/l	99
69) o-Xylene	12.16	106	148216	20.766	ug/l	100
70) Styrene	12.18	104	251091	20.404	ug/l	99
71) Bromoform	12.35	173	46621	20.977	ug/l	96
73) Isopropylbenzene	12.46	105	420691	20.356	ug/l	99
74) N-amyl acetate	12.27	43	121639	21.253	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	85716	20.993	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	62563m	21.051	ug/l	
77) Bromobenzene	12.75	156	96782	20.362	ug/l	100
78) n-propylbenzene	12.80	91	525970	20.534	ug/l	100
79) 2-Chlorotoluene	12.89	91	299314	20.318	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	360133	20.552	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	25443	20.186	ug/l	94
82) 4-Chlorotoluene	12.99	91	317346	20.468	ug/l	100
83) tert-Butylbenzene	13.21	119	299162	20.616	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	364049	20.491	ug/l	99
85) sec-Butylbenzene	13.38	105	449742	20.739	ug/l	100
86) p-Isopropyltoluene	13.50	119	390324	20.421	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	195122	20.308	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	198218	20.668	ug/l	99
89) n-Butylbenzene	13.83	91	384660	20.313	ug/l	99
90) Hexachloroethane	14.10	117	71968	19.659	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	179038	20.782	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	15121	20.694	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	115957	20.402	ug/l	99
94) Hexachlorobutadiene	15.24	225	69355	20.095	ug/l	100
95) Naphthalene	15.37	128	214241	20.624	ug/l	98
96) 1,2,3-Trichlorobenzene	15.56	180	104703	21.234	ug/l	99

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

