

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW093019\
 Data File : VW013349.D
 Acq On : 30 Sep 2019 23:56
 Operator : SY/VA
 Sample : VW0930SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0930SBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/1/2019 11:33:02 AM

Quant Time: Oct 01 06:29:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	275268	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	381096	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	327717	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	166768	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	121693	54.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.34%	
35) Dibromofluoromethane	7.88	113	117329	55.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.96%	
50) Toluene-d8	10.32	98	489070	55.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.50%	
62) 4-Bromofluorobenzene	12.62	95	166408	55.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	31690	19.958	ug/l	92
3) Chloromethane	2.21	50	40135	19.663	ug/l	99
4) Vinyl Chloride	2.35	62	54686	20.782	ug/l	98
5) Bromomethane	2.76	94	31863	19.107	ug/l	97
6) Chloroethane	2.91	64	29448	18.985	ug/l	99
7) Trichlorofluoromethane	3.25	101	27776	18.306	ug/l	99
8) Diethyl Ether	3.68	74	26893	20.750	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.06	101	53089	21.490	ug/l	98
10) Methyl Iodide	4.27	142	74820	19.535	ug/l	99
11) Tert butyl alcohol	5.18	59	26506	160.269	ug/l	99
12) 1,1-Dichloroethene	4.04	96	53105	20.759	ug/l	99
13) Acrolein	3.89	56	12364	95.604	ug/l	96
14) Allyl chloride	4.67	41	78321	19.238	ug/l	100
15) Acrylonitrile	5.36	53	73701	131.749	ug/l	100
16) Acetone	4.13	43	60825	120.058	ug/l	97
17) Carbon Disulfide	4.38	76	144683	19.568	ug/l	98
18) Methyl Acetate	4.67	43	45472	31.930	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	85620	21.838	ug/l	95
20) Methylene Chloride	4.91	84	58506	20.889	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	55651	20.128	ug/l	98
22) Diisopropyl ether	6.31	45	155713	20.113	ug/l	96
23) Vinyl Acetate	6.25	43	482057	104.958	ug/l	97
24) 1,1-Dichloroethane	6.21	63	94555	20.240	ug/l	99
25) 2-Butanone	7.17	43	95603	125.705	ug/l #	90
26) 2,2-Dichloropropane	7.16	77	56853	18.222	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	58748	20.134	ug/l	100
28) Bromochloromethane	7.51	49	33861	18.885	ug/l	96
29) Tetrahydrofuran	7.53	42	63753	136.688	ug/l	98
30) Chloroform	7.68	83	92764	20.282	ug/l	96
31) Cyclohexane	7.95	56	102487	21.046	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	77276	20.861	ug/l	99
36) 1,1-Dichloropropene	8.08	75	81577	22.101	ug/l	99
37) Ethyl Acetate	7.26	43	45523	29.018	ug/l	98
38) Carbon Tetrachloride	8.07	117	72578	21.934	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.34	83	108327	22.837	ug/l	100
40) Benzene	8.32	78	219763	21.345	ug/l	100
41) Methacrylonitrile	7.48	41	21311	22.761	ug/l #	90
42) 1,2-Dichloroethane	8.40	62	60155	21.735	ug/l	97
43) Isopropyl Acetate	8.42	43	75239	25.024	ug/l	98
44) Trichloroethene	9.09	130	63894	22.119	ug/l	96
45) 1,2-Dichloropropane	9.37	63	52766	20.992	ug/l	98
46) Dibromomethane	9.46	93	28396	23.268	ug/l	99
47) Bromodichloromethane	9.64	83	65883	21.217	ug/l	98
48) Methyl methacrylate	9.43	41	37375	26.436	ug/l	98
49) 1,4-Dioxane	9.45	88	11823	645.413	ug/l #	90
51) 4-Methyl-2-Pentanone	10.21	43	206865	137.242	ug/l	99
52) Toluene	10.38	92	144802	21.945	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	67720	21.227	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	79736	20.556	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	42404	23.247	ug/l	95
56) Ethyl methacrylate	10.65	69	59004	24.717	ug/l	99
57) 1,3-Dichloropropane	10.93	76	72119	22.657	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	127059	114.971	ug/l	99
59) 2-Hexanone	10.97	43	141013	135.979	ug/l	98
60) Dibromochloromethane	11.13	129	46449	22.426	ug/l	99
61) 1,2-Dibromoethane	11.23	107	41587	23.979	ug/l	100
64) Tetrachloroethene	10.86	164	59468	23.916	ug/l	97
65) Chlorobenzene	11.65	112	146797	21.451	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	50487	21.595	ug/l	98
67) Ethyl Benzene	11.73	91	267120	21.543	ug/l	99
68) m/p-Xylenes	11.83	106	206851	43.778	ug/l	99
69) o-Xylene	12.16	106	94271	21.460	ug/l	97
70) Styrene	12.18	104	158157	20.971	ug/l	99
71) Bromoform	12.35	173	30460	24.661	ug/l #	97
73) Isopropylbenzene	12.46	105	266864	21.662	ug/l	99
74) N-amyl acetate	12.27	43	63821	23.346	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	52796	25.625	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	34373m	23.339	ug/l	
77) Bromobenzene	12.74	156	63584	21.780	ug/l	99
78) n-propylbenzene	12.80	91	312122	21.645	ug/l	99
79) 2-Chlorotoluene	12.89	91	172312	21.329	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	223013	21.535	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	15645	23.837	ug/l	96
82) 4-Chlorotoluene	12.99	91	177451	20.829	ug/l	99
83) tert-Butylbenzene	13.21	119	202253	22.252	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	217805	21.136	ug/l	100
85) sec-Butylbenzene	13.38	105	279207	22.281	ug/l	99
86) p-Isopropyltoluene	13.50	119	253041	21.771	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	118682	21.124	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	116920	21.219	ug/l	97
89) n-Butylbenzene	13.82	91	227896	21.474	ug/l	99
90) Hexachloroethane	14.09	117	42999	22.022	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	108292	22.279	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	8921	28.309	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	74392	21.358	ug/l	98
94) Hexachlorobutadiene	15.24	225	52534	22.046	ug/l	98
95) Naphthalene	15.36	128	139220	24.439	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	65612	21.801	ug/l	99

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

