

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092319\
 Data File : VW013224.D
 Acq On : 23 Sep 2019 12:10
 Operator : SY/VA
 Sample : VW0923SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0923SBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/25/2019 12:35:39 AM

Quant Time: Sep 24 06:56:49 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	346767	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	499086	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	430554	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	220342	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	151550	53.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.10%	
35) Dibromofluoromethane	7.88	113	149484	54.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.92%	
50) Toluene-d8	10.32	98	634878	55.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.52%	
62) 4-Bromofluorobenzene	12.62	95	216196	55.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	44147	22.070	ug/l	94
3) Chloromethane	2.21	50	52625	20.466	ug/l	96
4) Vinyl Chloride	2.36	62	71349	21.523	ug/l	97
5) Bromomethane	2.77	94	43485	20.700	ug/l	98
6) Chloroethane	2.92	64	38796	19.855	ug/l	99
7) Trichlorofluoromethane	3.25	101	37734	19.741	ug/l	98
8) Diethyl Ether	3.68	74	33821	20.715	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	65006	20.889	ug/l	99
10) Methyl Iodide	4.26	142	98828	20.483	ug/l	99
11) Tert butyl alcohol	5.18	59	23602	110.196	ug/l	96
12) 1,1-Dichloroethene	4.04	96	67949	21.085	ug/l	98
13) Acrolein	3.89	56	17171	105.397	ug/l	96
14) Allyl chloride	4.67	41	105299	20.531	ug/l	99
15) Acrylonitrile	5.37	53	72448	102.806	ug/l	99
16) Acetone	4.12	43	60327	94.523	ug/l	94
17) Carbon Disulfide	4.38	76	195243	20.961	ug/l	99
18) Methyl Acetate	4.67	43	38099	21.236	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	103837	21.024	ug/l	96
20) Methylene Chloride	4.92	84	75514	21.478	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	72905	20.932	ug/l	98
22) Diisopropyl ether	6.31	45	203882	20.905	ug/l	95
23) Vinyl Acetate	6.25	43	603701	104.341	ug/l	99
24) 1,1-Dichloroethane	6.21	63	124097	21.087	ug/l	97
25) 2-Butanone	7.17	43	94100	98.217	ug/l	94
26) 2,2-Dichloropropane	7.17	77	78106	20.195	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	78351	21.316	ug/l	99
28) Bromochloromethane	7.51	49	41719	18.470	ug/l #	98
29) Tetrahydrofuran	7.53	42	59764	101.716	ug/l	99
30) Chloroform	7.67	83	119529	20.745	ug/l	97
31) Cyclohexane	7.95	56	128348	20.922	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	96892	20.763	ug/l	99
36) 1,1-Dichloropropene	8.08	75	102105	21.122	ug/l	100
37) Ethyl Acetate	7.26	43	41895	20.392	ug/l	99
38) Carbon Tetrachloride	8.07	117	90518	20.889	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	131020	21.091	ug/l	97
40) Benzene	8.32	78	287254	21.304	ug/l	99
41) Methacrylonitrile	7.48	41	24041	19.607	ug/l	95
42) 1,2-Dichloroethane	8.40	62	75370	20.794	ug/l	98
43) Isopropyl Acetate	8.42	43	79936	20.301	ug/l	97
44) Trichloroethene	9.09	130	81033	21.420	ug/l	92
45) 1,2-Dichloropropane	9.37	63	69433	21.092	ug/l	99
46) Dibromomethane	9.46	93	33442	20.925	ug/l	99
47) Bromodichloromethane	9.64	83	84141	20.690	ug/l	97
48) Methyl methacrylate	9.43	41	40310	21.771	ug/l	97
49) 1,4-Dioxane	9.46	88	9589	399.708	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	199843	101.239	ug/l	98
52) Toluene	10.39	92	183920	21.283	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	87680	20.986	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	106993	21.061	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	49925	20.900	ug/l	94
56) Ethyl methacrylate	10.65	69	65762	21.035	ug/l	100
57) 1,3-Dichloropropane	10.93	76	87637	21.023	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.92	63	148368	102.514	ug/l	100
59) 2-Hexanone	10.97	43	138173	101.741	ug/l	100
60) Dibromochloromethane	11.13	129	58840	21.693	ug/l	98
61) 1,2-Dibromoethane	11.23	107	46749	20.583	ug/l	97
64) Tetrachloroethene	10.86	164	69468	21.265	ug/l	98
65) Chlorobenzene	11.66	112	188374	20.952	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	66393	21.615	ug/l	97
67) Ethyl Benzene	11.73	91	345152	21.187	ug/l	98
68) m/p-Xylenes	11.84	106	267269	43.055	ug/l	100
69) o-Xylene	12.16	106	122538	21.232	ug/l	98
70) Styrene	12.18	104	211172	21.313	ug/l	100
71) Bromoform	12.35	173	34584	21.312	ug/l #	99
73) Isopropylbenzene	12.46	105	340951	20.947	ug/l	100
74) N-amyl acetate	12.27	43	70966	19.648	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	55406	20.354	ug/l	97
76) 1,2,3-Trichloropropane	12.76	75	36094m	18.549	ug/l	
77) Bromobenzene	12.74	156	81074	21.019	ug/l	99
78) n-propylbenzene	12.80	91	400680	21.030	ug/l	100
79) 2-Chlorotoluene	12.89	91	227631	21.326	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	288856	21.112	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	18501	21.334	ug/l	99
82) 4-Chlorotoluene	12.99	91	236238	20.988	ug/l	100
83) tert-Butylbenzene	13.21	119	253059	21.072	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	287857	21.142	ug/l	100
85) sec-Butylbenzene	13.38	105	352871	21.313	ug/l	99
86) p-Isopropyltoluene	13.50	119	323821	21.087	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	157723	21.247	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	157207	21.593	ug/l	99
89) n-Butylbenzene	13.82	91	298467	21.285	ug/l	99
90) Hexachloroethane	14.09	117	54663	21.189	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	137900	21.473	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8804	21.145	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	97917	21.277	ug/l	99
94) Hexachlorobutadiene	15.24	225	66467	21.111	ug/l	98
95) Naphthalene	15.36	128	159363	21.173	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	85166	21.418	ug/l	98

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

