

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090719\
 Data File : VW012710.D
 Acq On : 07 Sep 2019 10:12
 Operator : SY/VA
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

MMDadoda
 9/10/2019 1:01:01 PM

Quant Time: Sep 08 04:57:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 04:47:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	260820	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	393445	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	338459	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	156568	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	28015	9.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.22%	
35) Dibromofluoromethane	7.88	113	22684	9.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.40%	
50) Toluene-d8	10.32	98	82164	8.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	17.94%	
62) 4-Bromofluorobenzene	12.62	95	32412	9.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	14339	10.141	ug/l	99
3) Chloromethane	2.21	50	20682	12.036	ug/l	98
4) Vinyl Chloride	2.36	62	24043	11.411	ug/l	95
5) Bromomethane	2.78	94	12945	11.314	ug/l	95
6) Chloroethane	2.92	64	13887	11.045	ug/l	95
7) Trichlorofluoromethane	3.26	101	15545	10.691	ug/l	100
8) Diethyl Ether	3.68	74	12290	10.057	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	23685	10.380	ug/l	97
10) Methyl Iodide	4.28	142	30949	10.775	ug/l	99
11) Tert butyl alcohol	5.16	59	9151	41.042	ug/l #	78
12) 1,1-Dichloroethene	4.04	96	22497	10.445	ug/l	98
13) Acrolein	3.89	56	12318	52.060	ug/l	96
14) Allyl chloride	4.67	41	44711	10.035	ug/l	97
15) Acrylonitrile	5.36	53	32771	45.914	ug/l	99
16) Acetone	4.12	43	36547	46.001	ug/l	100
17) Carbon Disulfide	4.38	76	50752	11.101	ug/l	96
18) Methyl Acetate	4.67	43	17532	9.406	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	41372	9.685	ug/l	97
20) Methylene Chloride	4.92	84	27596	11.103	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	23056	10.491	ug/l	96
22) Diisopropyl ether	6.31	45	89611	10.140	ug/l #	88
23) Vinyl Acetate	6.26	43	269533	48.126	ug/l	98
24) 1,1-Dichloroethane	6.22	63	47936	10.074	ug/l	99
25) 2-Butanone	7.17	43	45258	43.157	ug/l	98
26) 2,2-Dichloropropane	7.16	77	30071	10.006	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	25230	9.901	ug/l	99
28) Bromochloromethane	7.51	49	20870	9.552	ug/l	99
29) Tetrahydrofuran	7.53	42	29400	45.825	ug/l	97
30) Chloroform	7.68	83	47913	10.160	ug/l	88
31) Cyclohexane	7.95	56	47080	10.990	ug/l #	87
32) 1,1,1-Trichloroethane	7.87	97	38982	10.198	ug/l	98
36) 1,1-Dichloropropene	8.09	75	35666	10.202	ug/l	98
37) Ethyl Acetate	7.25	43	20467	9.184	ug/l	98
38) Carbon Tetrachloride	8.07	117	34821	10.105	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	40791	10.389	ug/l	99
40) Benzene	8.32	78	100319	10.343	ug/l	100
41) Methacrylonitrile	7.48	41	10204	7.594	ug/l #	78
42) 1,2-Dichloroethane	8.40	62	33800	9.902	ug/l	99
43) Isopropyl Acetate	8.42	43	36436	8.630	ug/l	97
44) Trichloroethene	9.09	130	25300	10.119	ug/l	96
45) 1,2-Dichloropropane	9.37	63	27051	10.056	ug/l	96
46) Dibromomethane	9.46	93	12137	9.528	ug/l	97
47) Bromodichloromethane	9.65	83	32605	9.303	ug/l	97
48) Methyl methacrylate	9.44	41	17616	8.731	ug/l	95
49) 1,4-Dioxane	9.44	88	4134	164.290	ug/l #	87
51) 4-Methyl-2-Pentanone	10.21	43	93247	42.090	ug/l	100
52) Toluene	10.38	92	56914	9.401	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	32683	9.069	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	38993	9.538	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	17815	9.341	ug/l	98
56) Ethyl methacrylate	10.65	69	23945	8.577	ug/l	97
57) 1,3-Dichloropropane	10.93	76	33613	9.527	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	64736	43.680	ug/l	100
59) 2-Hexanone	10.97	43	70165	43.350	ug/l	100
60) Dibromochloromethane	11.13	129	20345	9.071	ug/l	97
61) 1,2-Dibromoethane	11.24	107	16882	9.655	ug/l	99
64) Tetrachloroethene	10.86	164	20655	10.057	ug/l	95
65) Chlorobenzene	11.66	112	63951	9.997	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	21605	9.069	ug/l	99
67) Ethyl Benzene	11.73	91	110433	9.201	ug/l	100
68) m/p-Xylenes	11.84	106	88322	20.387	ug/l	99
69) o-Xylene	12.16	106	38504	9.421	ug/l	99
70) Styrene	12.18	104	68366	9.466	ug/l	99
71) Bromoform	12.35	173	12092	9.136	ug/l #	98
73) Isopropylbenzene	12.46	105	116231	10.351	ug/l	99
74) N-amyl acetate	12.27	43	33591	9.424	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	22360	9.915	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	14640m	9.528	ug/l	
77) Bromobenzene	12.74	156	25211	9.909	ug/l	99
78) n-propylbenzene	12.80	91	132861	9.893	ug/l	99
79) 2-Chlorotoluene	12.89	91	81814	10.611	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	99581	10.524	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	7057	9.323	ug/l	96
82) 4-Chlorotoluene	12.99	91	86194	10.569	ug/l	99
83) tert-Butylbenzene	13.21	119	88479	10.575	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	99259	10.410	ug/l	100
85) sec-Butylbenzene	13.38	105	122803	10.577	ug/l	100
86) p-Isopropyltoluene	13.50	119	111300	10.495	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	52504	10.499	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	49283	9.904	ug/l	98
89) n-Butylbenzene	13.82	91	107373	10.429	ug/l	99
90) Hexachloroethane	14.09	117	19101	10.318	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	46139	10.251	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3825	9.268	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	30651	9.781	ug/l	97
94) Hexachlorobutadiene	15.24	225	23156	10.676	ug/l	99
95) Naphthalene	15.36	128	49902	8.553	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	27183	9.827	ug/l	99

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

