

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091819\
 Data File : VW013133.D
 Acq On : 19 Sep 2019 01:31
 Operator : SY/VA
 Sample : VW0918SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS02

Manual Integrations
 APPROVED

MMDadoda
 9/19/2019 11:21:53 AM

Quant Time: Sep 19 09:32:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	310289	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	484035	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	424743	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	216360	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	127967	44.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.30%	
35) Dibromofluoromethane	7.88	113	123394	46.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.96%	
50) Toluene-d8	10.32	98	490776	47.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.50%	
62) 4-Bromofluorobenzene	12.62	95	172895	46.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	22098	15.518	ug/l	84
3) Chloromethane	2.21	50	30472	17.226	ug/l	96
4) Vinyl Chloride	2.36	62	39660	17.857	ug/l	97
5) Bromomethane	2.77	94	26741	19.716	ug/l	99
6) Chloroethane	2.92	64	25389	18.639	ug/l	91
7) Trichlorofluoromethane	3.25	101	21209	13.656	ug/l	93
8) Diethyl Ether	3.68	74	26630	21.959	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	45258	19.213	ug/l	96
10) Methyl Iodide	4.27	142	68316	23.174	ug/l	94
11) Tert butyl alcohol	5.19	59	20574	92.893	ug/l #	84
12) 1,1-Dichloroethene	4.04	96	42437	19.814	ug/l	92
13) Acrolein	3.89	56	19079	85.705	ug/l	98
14) Allyl chloride	4.67	41	74375	18.292	ug/l	92
15) Acrylonitrile	5.37	53	66533	107.418	ug/l	97
16) Acetone	4.13	43	57779	79.593	ug/l	96
17) Carbon Disulfide	4.38	76	80801	18.931	ug/l	96
18) Methyl Acetate	4.67	43	37624	23.044	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	91944	21.747	ug/l	94
20) Methylene Chloride	4.92	84	59732	22.999	ug/l #	92
21) trans-1,2-Dichloroethene	5.42	96	48721	21.239	ug/l	93
22) Diisopropyl ether	6.31	45	179792	21.285	ug/l	97
23) Vinyl Acetate	6.25	43	483210	95.511	ug/l #	93
24) 1,1-Dichloroethane	6.21	63	98550	20.235	ug/l	98
25) 2-Butanone	7.17	43	84087	92.278	ug/l #	88
26) 2,2-Dichloropropane	7.16	77	55485	14.908	ug/l	94
27) cis-1,2-Dichloroethene	7.16	96	60899	22.175	ug/l	90
28) Bromochloromethane	7.51	49	41721	20.353	ug/l #	93
29) Tetrahydrofuran	7.53	42	53939	103.887	ug/l	97
30) Chloroform	7.67	83	100186	20.246	ug/l	100
31) Cyclohexane	7.96	56	74036	17.487	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	73007	17.915	ug/l	98
36) 1,1-Dichloropropene	8.08	75	67913	17.558	ug/l	96
37) Ethyl Acetate	7.25	43	37963	18.491	ug/l	96
38) Carbon Tetrachloride	8.07	117	64726	16.330	ug/l	93

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

39) Methylcyclohexane	9.34	83	77800	18.356	ug/l	96
40) Benzene	8.32	78	216621	20.062	ug/l	100
41) Methacrylonitrile	7.48	41	24925	18.436	ug/l #	89
42) 1,2-Dichloroethane	8.40	62	64887	17.926	ug/l	97
43) Isopropyl Acetate	8.42	43	72558	18.407	ug/l	97
44) Trichloroethene	9.09	130	58333	19.723	ug/l	90
45) 1,2-Dichloropropane	9.37	63	58049	20.235	ug/l	99
46) Dibromomethane	9.46	93	28504	20.739	ug/l	96
47) Bromodichloromethane	9.64	83	72131	18.710	ug/l	97
48) Methyl methacrylate	9.43	41	33654	18.192	ug/l	91
49) 1,4-Dioxane	9.46	88	8865	384.925	ug/l #	76
51) 4-Methyl-2-Pentanone	10.21	43	186413	91.599	ug/l	94
52) Toluene	10.38	92	139487	20.329	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	70286	18.127	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	85325	19.233	ug/l	91
55) 1,1,2-Trichloroethane	10.79	97	44426	21.218	ug/l	98
56) Ethyl methacrylate	10.65	69	58173	20.641	ug/l #	89
57) 1,3-Dichloropropane	10.93	76	76938	20.714	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	148302	98.094	ug/l	97
59) 2-Hexanone	10.97	43	125286	88.413	ug/l	94
60) Dibromochloromethane	11.13	129	48636	19.213	ug/l	97
61) 1,2-Dibromoethane	11.23	107	40489	21.198	ug/l	99
64) Tetrachloroethene	10.86	164	52781	20.888	ug/l	98
65) Chlorobenzene	11.66	112	151871	20.074	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	58028	20.015	ug/l	97
67) Ethyl Benzene	11.73	91	268468	19.214	ug/l	97
68) m/p-Xylenes	11.83	106	205032	40.167	ug/l	95
69) o-Xylene	12.16	106	99256	20.741	ug/l	95
70) Styrene	12.18	104	176007	20.675	ug/l	97
71) Bromoform	12.35	173	29496	19.368	ug/l #	96
73) Isopropylbenzene	12.46	105	273021	19.038	ug/l	100
74) N-amyl acetate	12.27	43	64044	17.360	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.71	83	53689	21.315	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	33304m	17.573	ug/l	
77) Bromobenzene	12.75	156	67165	20.330	ug/l	95
78) n-propylbenzene	12.80	91	313881	18.607	ug/l	99
79) 2-Chlorotoluene	12.89	91	183851	18.959	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	231390	19.072	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.51	75	14193	16.989	ug/l	97
82) 4-Chlorotoluene	12.99	91	195215	19.079	ug/l	97
83) tert-Butylbenzene	13.21	119	207170	19.090	ug/l	95
84) 1,2,4-Trimethylbenzene	13.25	105	232137	19.363	ug/l	95
85) sec-Butylbenzene	13.38	105	279090	18.876	ug/l	100
86) p-Isopropyltoluene	13.50	119	254401	18.741	ug/l	97
87) 1,3-Dichlorobenzene	13.50	146	130490	19.952	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	127859	19.894	ug/l	98
89) n-Butylbenzene	13.82	91	230545	18.009	ug/l	100
90) Hexachloroethane	14.09	117	43528	17.893	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	119948	20.855	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.48	75	7922	17.183	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	83156	20.273	ug/l	99
94) Hexachlorobutadiene	15.23	225	53369	18.380	ug/l	99
95) Naphthalene	15.36	128	146534	21.381	ug/l	98
96) 1,2,3-Trichlorobenzene	15.55	180	74186	20.460	ug/l	99

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

