

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091819\
 Data File : VW013130.D
 Acq On : 18 Sep 2019 22:55
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/19/2019 11:21:57 AM

Quant Time: Sep 19 09:25:53 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	305195	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	473596	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	409262	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	209345	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	144002	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	
35) Dibromofluoromethane	7.88	113	138581	53.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.86%	
50) Toluene-d8	10.32	98	552189	54.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.82%	
62) 4-Bromofluorobenzene	12.62	95	192764	53.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	50881	42.923	ug/l	97
3) Chloromethane	2.21	50	70019	47.427	ug/l	100
4) Vinyl Chloride	2.36	62	94014	43.037	ug/l	98
5) Bromomethane	2.77	94	64879	48.634	ug/l	98
6) Chloroethane	2.92	64	64269	47.970	ug/l	94
7) Trichlorofluoromethane	3.25	101	60614	39.679	ug/l	98
8) Diethyl Ether	3.67	74	69797	58.515	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.06	101	119684	51.657	ug/l	98
10) Methyl Iodide	4.27	142	170039	58.643	ug/l	94
11) Tert butyl alcohol	5.18	59	53379	283.400	ug/l #	85
12) 1,1-Dichloroethene	4.04	96	109445	51.953	ug/l	92
13) Acrolein	3.89	56	48692	233.877	ug/l	97
14) Allyl chloride	4.67	41	204552	51.147	ug/l	90
15) Acrylonitrile	5.36	53	184173	302.311	ug/l	99
16) Acetone	4.12	43	148029	241.350	ug/l	97
17) Carbon Disulfide	4.39	76	188337	44.862	ug/l	99
18) Methyl Acetate	4.67	43	90028	56.062	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	246128	59.188	ug/l	99
20) Methylene Chloride	4.91	84	138759	62.200	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	122095	54.114	ug/l	94
22) Diisopropyl ether	6.31	45	479229	57.681	ug/l	96
23) Vinyl Acetate	6.25	43	1388967	279.125	ug/l	96
24) 1,1-Dichloroethane	6.21	63	260146	54.307	ug/l	99
25) 2-Butanone	7.17	43	236733	264.129	ug/l	96
26) 2,2-Dichloropropane	7.16	77	147897	48.521	ug/l	95
27) cis-1,2-Dichloroethene	7.17	96	156618	57.980	ug/l	92
28) Bromochloromethane	7.51	49	113605	56.345	ug/l	92
29) Tetrahydrofuran	7.52	42	150137	293.993	ug/l	96
30) Chloroform	7.67	83	261521	53.730	ug/l	100
31) Cyclohexane	7.95	56	185691	51.792	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	196615	49.052	ug/l	97
36) 1,1-Dichloropropene	8.08	75	176769	46.709	ug/l	97
37) Ethyl Acetate	7.25	43	103564	51.557	ug/l	95
38) Carbon Tetrachloride	8.07	117	171181	44.139	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	201408	48.568	ug/l	95
40) Benzene	8.32	78	551185	52.171	ug/l	99
41) Methacrylonitrile	7.48	41	66236	50.072	ug/l	91
42) 1,2-Dichloroethane	8.40	62	162933	46.006	ug/l	93
43) Isopropyl Acetate	8.42	43	202360	52.468	ug/l	97
44) Trichloroethene	9.09	130	151541	52.367	ug/l	85
45) 1,2-Dichloropropane	9.37	63	154269	54.960	ug/l	97
46) Dibromomethane	9.46	93	74297	55.248	ug/l	97
47) Bromodichloromethane	9.64	83	193070	51.183	ug/l	96
48) Methyl methacrylate	9.43	41	94524	52.221	ug/l	89
49) 1,4-Dioxane	9.46	88	25878	1148.409	ug/l #	77
51) 4-Methyl-2-Pentanone	10.21	43	536269	269.319	ug/l	95
52) Toluene	10.38	92	362084	53.935	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	196498	51.796	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	235627	54.283	ug/l	91
55) 1,1,2-Trichloroethane	10.79	97	118865	58.021	ug/l	98
56) Ethyl methacrylate	10.65	69	160619	58.247	ug/l	91
57) 1,3-Dichloropropane	10.93	76	202881	55.826	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	407408	275.419	ug/l	97
59) 2-Hexanone	10.97	43	363637	262.271	ug/l	94
60) Dibromochloromethane	11.13	129	136077	54.940	ug/l	98
61) 1,2-Dibromoethane	11.23	107	109363	58.519	ug/l	99
64) Tetrachloroethene	10.86	164	134486	55.237	ug/l	96
65) Chlorobenzene	11.66	112	406174	55.717	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	151103	54.089	ug/l	99
67) Ethyl Benzene	11.73	91	720258	53.497	ug/l	98
68) m/p-Xylenes	11.84	106	541760	110.149	ug/l	95
69) o-Xylene	12.16	106	261025	56.608	ug/l	95
70) Styrene	12.18	104	470783	57.394	ug/l	96
71) Bromoform	12.35	173	81821	55.759	ug/l #	98
73) Isopropylbenzene	12.46	105	732936	52.821	ug/l	100
74) N-amyl acetate	12.27	43	190336	53.323	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.71	83	141256	57.960	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	106149m	57.888	ug/l	
77) Bromobenzene	12.74	156	178968	55.986	ug/l	93
78) n-propylbenzene	12.80	91	842699	51.629	ug/l	98
79) 2-Chlorotoluene	12.89	91	488842	52.099	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	616787	52.542	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.51	75	42920	53.097	ug/l	93
82) 4-Chlorotoluene	12.99	91	507809	51.293	ug/l	97
83) tert-Butylbenzene	13.21	119	562094	53.532	ug/l	95
84) 1,2,4-Trimethylbenzene	13.25	105	618626	53.329	ug/l	95
85) sec-Butylbenzene	13.38	105	746404	52.175	ug/l	99
86) p-Isopropyltoluene	13.49	119	695130	52.924	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	337390	53.316	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	332403	53.453	ug/l	99
89) n-Butylbenzene	13.82	91	629914	50.853	ug/l	99
90) Hexachloroethane	14.09	117	119335	50.700	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	312093	56.082	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	21936	49.173	ug/l	86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	227117	57.226	ug/l	99
94) Hexachlorobutadiene	15.23	225	139482	49.646	ug/l	99
95) Naphthalene	15.36	128	422984	63.786	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	201150	57.336	ug/l	98

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

