

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090219\
 Data File : VW012512.D
 Acq On : 02 Sep 2019 21:42
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/3/2019 10:55:48 AM

Quant Time: Sep 03 07:53:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	188125	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	300380	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	261189	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	127001	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	113442	50.73	ug/l	0.00
Spiked Amount 50.000			Recovery =	101.46%		
35) Dibromofluoromethane	7.88	113	93329	52.05	ug/l	0.00
Spiked Amount 50.000			Recovery =	104.10%		
50) Toluene-d8	10.32	98	368548	50.69	ug/l	0.00
Spiked Amount 50.000			Recovery =	101.38%		
62) 4-Bromofluorobenzene	12.62	95	131736	51.41	ug/l	0.00
Spiked Amount 50.000			Recovery =	102.82%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	52763	45.550	ug/l	98
3) Chloromethane	2.21	50	82729	46.098	ug/l	99
4) Vinyl Chloride	2.36	62	95212	43.346	ug/l	99
5) Bromomethane	2.78	94	50309	45.224	ug/l	100
6) Chloroethane	2.92	64	56092	45.268	ug/l	100
7) Trichlorofluoromethane	3.26	101	50941	46.186	ug/l	99
8) Diethyl Ether	3.68	74	53482	51.085	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	88634	47.277	ug/l	97
10) Methyl Iodide	4.27	142	129007	50.857	ug/l	98
11) Tert butyl alcohol	5.20	59	39217	291.398	ug/l	99
12) 1,1-Dichloroethene	4.04	96	90331	47.871	ug/l	98
13) Acrolein	3.90	56	7241	57.158	ug/l	98
14) Allyl chloride	4.66	41	194990	48.336	ug/l	98
15) Acrylonitrile	5.37	53	135882	261.859	ug/l	99
16) Acetone	4.13	43	121879	213.203	ug/l	99
17) Carbon Disulfide	4.39	76	254466	44.621	ug/l	100
18) Methyl Acetate	4.67	43	84453	59.646	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	170892	56.002	ug/l	98
20) Methylene Chloride	4.92	84	102474	47.418	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	97694	48.280	ug/l	96
22) Diisopropyl ether	6.31	45	378828	50.662	ug/l	97
23) Vinyl Acetate	6.25	43	1145062	248.829	ug/l	99
24) 1,1-Dichloroethane	6.21	63	200747	49.307	ug/l	99
25) 2-Butanone	7.17	43	187604	241.504	ug/l	96
26) 2,2-Dichloropropane	7.16	77	107223	46.528	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	108891	50.367	ug/l	99
28) Bromochloromethane	7.51	49	86000	48.464	ug/l #	93
29) Tetrahydrofuran	7.53	42	124390	266.899	ug/l	98
30) Chloroform	7.67	83	186311	50.018	ug/l	98
31) Cyclohexane	7.95	56	175104	43.470	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	150856	51.195	ug/l	98
36) 1,1-Dichloropropene	8.08	75	150486	48.480	ug/l	100
37) Ethyl Acetate	7.25	43	87416	51.391	ug/l	99
38) Carbon Tetrachloride	8.07	117	131557	48.967	ug/l	99

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Quant Time: Sep 03 07:53:53 2019
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	163400	46.857	ug/l	97
40) Benzene	8.32	78	416951	49.192	ug/l	99
41) Methacrylonitrile	7.48	41	53750	53.764	ug/l	99
42) 1,2-Dichloroethane	8.40	62	135908	51.162	ug/l	100
43) Isopropyl Acetate	8.42	43	164540	52.222	ug/l	99
44) Trichloroethene	9.09	130	103707	50.332	ug/l	98
45) 1,2-Dichloropropane	9.37	63	112740	49.423	ug/l	99
46) Dibromomethane	9.46	93	52522	51.749	ug/l	97
47) Bromodichloromethane	9.64	83	138904	51.423	ug/l	96
48) Methyl methacrylate	9.43	41	81083	54.070	ug/l	96
49) 1,4-Dioxane	9.46	88	17919	1153.270	ug/l #	76
51) 4-Methyl-2-Pentanone	10.21	43	424806	265.077	ug/l	100
52) Toluene	10.38	92	256344	50.344	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	143791	52.259	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	170599	51.350	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	75162	52.341	ug/l	99
56) Ethyl methacrylate	10.65	69	113830	54.465	ug/l	99
57) 1,3-Dichloropropane	10.93	76	142667	52.573	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	303925	283.347	ug/l	100
59) 2-Hexanone	10.97	43	287040	253.138	ug/l	99
60) Dibromochloromethane	11.13	129	86110	53.837	ug/l	98
61) 1,2-Dibromoethane	11.23	107	71905	53.748	ug/l	100
64) Tetrachloroethene	10.86	164	88362	52.181	ug/l	99
65) Chlorobenzene	11.66	112	258854	50.331	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	94456	52.645	ug/l	99
67) Ethyl Benzene	11.73	91	495878	50.052	ug/l	98
68) m/p-Xylenes	11.84	106	359920	100.855	ug/l	99
69) o-Xylene	12.16	106	170462	51.609	ug/l	100
70) Styrene	12.18	104	297852	52.099	ug/l	100
71) Bromoform	12.35	173	50444	56.430	ug/l #	99
73) Isopropylbenzene	12.46	105	474231	49.833	ug/l	99
74) N-amyl acetate	12.27	43	149473	51.988	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	89554	51.331	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	59440m	48.056	ug/l	
77) Bromobenzene	12.74	156	105605	51.295	ug/l	97
78) n-propylbenzene	12.80	91	567357	48.836	ug/l	99
79) 2-Chlorotoluene	12.89	91	326907	49.563	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	401674	50.513	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	29033	51.464	ug/l	98
82) 4-Chlorotoluene	12.99	91	339442	49.150	ug/l	100
83) tert-Butylbenzene	13.21	119	349745	51.923	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	398945	49.944	ug/l	100
85) sec-Butylbenzene	13.38	105	478377	49.571	ug/l	99
86) p-Isopropyltoluene	13.50	119	432917	50.232	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	199977	49.661	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	200451	50.133	ug/l	100
89) n-Butylbenzene	13.82	91	411391	48.001	ug/l	99
90) Hexachloroethane	14.09	117	75090	49.661	ug/l	91
91) 1,2-Dichlorobenzene	13.87	146	180253	51.025	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	15303	52.030	ug/l	97

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	128217	52.521	ug/l	99
94) Hexachlorobutadiene	15.24	225	82439	51.142	ug/l	97
95) Naphthalene	15.36	128	245920	51.220	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	113939	53.494	ug/l	99

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

