

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090219\
 Data File : VW012510.D
 Acq On : 02 Sep 2019 20:02
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/3/2019 10:55:43 AM

Quant Time: Sep 03 08:30:59 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	199957	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	323318	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	279798	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	136483	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	122865	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	
35) Dibromofluoromethane	7.88	113	101415	52.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.10%	
50) Toluene-d8	10.32	98	404936	51.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.50%	
62) 4-Bromofluorobenzene	12.62	95	145634	52.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	57210	46.466	ug/l	97
3) Chloromethane	2.21	50	92061	48.263	ug/l	98
4) Vinyl Chloride	2.36	62	98495	42.187	ug/l	99
5) Bromomethane	2.76	94	55911	47.286	ug/l	97
6) Chloroethane	2.91	64	63875	48.499	ug/l	98
7) Trichlorofluoromethane	3.25	101	58673	50.048	ug/l	100
8) Diethyl Ether	3.68	74	56124	50.437	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	98526	49.443	ug/l	96
10) Methyl Iodide	4.26	142	148838	55.203	ug/l	99
11) Tert butyl alcohol	5.19	59	40836	285.473	ug/l	100
12) 1,1-Dichloroethene	4.04	96	101034	50.374	ug/l	94
13) Acrolein	3.89	56	8594	63.823	ug/l	97
14) Allyl chloride	4.66	41	225451	52.580	ug/l	99
15) Acrylonitrile	5.37	53	151807	275.237	ug/l	99
16) Acetone	4.12	43	129603	213.299	ug/l	98
17) Carbon Disulfide	4.38	76	283220	46.724	ug/l	99
18) Methyl Acetate	4.67	43	87327	58.027	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	199165	61.405	ug/l	95
20) Methylene Chloride	4.92	84	117097	50.978	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	114863	53.405	ug/l	96
22) Diisopropyl ether	6.31	45	447258	56.274	ug/l	95
23) Vinyl Acetate	6.25	43	1350279	276.061	ug/l	99
24) 1,1-Dichloroethane	6.21	63	237734	54.936	ug/l	100
25) 2-Butanone	7.17	43	216652	262.394	ug/l	99
26) 2,2-Dichloropropane	7.17	77	128754	52.566	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	131538	57.243	ug/l	98
28) Bromochloromethane	7.51	49	95064	50.402	ug/l	94
29) Tetrahydrofuran	7.53	42	141125	284.889	ug/l	98
30) Chloroform	7.67	83	222383	56.169	ug/l	100
31) Cyclohexane	7.95	56	202562	47.311	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	175373	55.993	ug/l	98
36) 1,1-Dichloropropene	8.08	75	174464	52.217	ug/l	99
37) Ethyl Acetate	7.25	43	100617	54.955	ug/l	99
38) Carbon Tetrachloride	8.07	117	152526	52.744	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	194372	51.784	ug/l	97
40) Benzene	8.32	78	493651	54.110	ug/l	98
41) Methacrylonitrile	7.48	41	66971	62.236	ug/l	96
42) 1,2-Dichloroethane	8.40	62	158825	55.547	ug/l	98
43) Isopropyl Acetate	8.42	43	195399	57.616	ug/l	100
44) Trichloroethene	9.09	130	122981	55.452	ug/l	95
45) 1,2-Dichloropropane	9.37	63	132549	53.984	ug/l	98
46) Dibromomethane	9.46	93	60380	55.271	ug/l	96
47) Bromodichloromethane	9.64	83	163749	56.320	ug/l	97
48) Methyl methacrylate	9.43	41	94456	58.519	ug/l	97
49) 1,4-Dioxane	9.46	88	18491	1105.653	ug/l #	76
51) 4-Methyl-2-Pentanone	10.21	43	496611	287.898	ug/l	99
52) Toluene	10.38	92	303852	55.440	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	167885	56.687	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	201232	56.273	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	88755	57.422	ug/l	97
56) Ethyl methacrylate	10.65	69	137705	61.214	ug/l	99
57) 1,3-Dichloropropane	10.93	76	165151	56.541	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	310640	269.061	ug/l	99
59) 2-Hexanone	10.97	43	337782	276.753	ug/l	99
60) Dibromochloromethane	11.13	129	99492	57.790	ug/l	98
61) 1,2-Dibromoethane	11.23	107	83219	57.792	ug/l	100
64) Tetrachloroethene	10.86	164	104029	57.347	ug/l	99
65) Chlorobenzene	11.66	112	307148	55.749	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	112748	58.661	ug/l	99
67) Ethyl Benzene	11.73	91	595943	56.152	ug/l	100
68) m/p-Xylenes	11.84	106	425534	111.311	ug/l	100
69) o-Xylene	12.16	106	204666	57.844	ug/l	99
70) Styrene	12.18	104	359143	58.642	ug/l	100
71) Bromoform	12.35	173	57146	59.676	ug/l #	100
73) Isopropylbenzene	12.46	105	572465	55.977	ug/l	99
74) N-amyl acetate	12.27	43	178316	57.711	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	103510	55.209	ug/l	96
76) 1,2,3-Trichloropropane	12.77	75	69381m	52.196	ug/l	
77) Bromobenzene	12.74	156	125522	56.734	ug/l	97
78) n-propylbenzene	12.80	91	678099	54.313	ug/l	98
79) 2-Chlorotoluene	12.89	91	389643	54.970	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	476764	55.791	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	32907	54.279	ug/l	99
82) 4-Chlorotoluene	12.99	91	407187	54.863	ug/l	99
83) tert-Butylbenzene	13.21	119	414498	57.261	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	479939	55.909	ug/l	100
85) sec-Butylbenzene	13.38	105	569795	54.942	ug/l	100
86) p-Isopropyltoluene	13.50	119	519167	56.055	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	239838	55.422	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	236181	54.965	ug/l	100
89) n-Butylbenzene	13.82	91	501812	54.484	ug/l	99
90) Hexachloroethane	14.09	117	87869	54.075	ug/l	92
91) 1,2-Dichlorobenzene	13.87	146	213768	56.309	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	17868	56.531	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	155564	59.296	ug/l	100
94) Hexachlorobutadiene	15.24	225	96702	55.823	ug/l	99
95) Naphthalene	15.36	128	290498	55.873	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	136171	59.491	ug/l	99

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

