

Data Path : C:\DOCUMENTS AND SETTINGS\EUSER\DESKTOP\VW030819\
 Data File : VW009053.D
 Acq On : 08 Mar 2019 14:15
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/11/2019 2:53:18 PM

Quant Time: Mar 09 02:50:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 05:22:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	286429	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	393191	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	377982	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	212132	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	128481	44.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.16%	
35) Dibromofluoromethane	7.88	113	113788	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	
50) Toluene-d8	10.32	98	511329	52.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.18%	
62) 4-Bromofluorobenzene	12.62	95	187273	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	131002	45.382	ug/l	96
3) Chloromethane	2.21	50	171729	46.830	ug/l	99
4) Vinyl Chloride	2.36	62	178591	47.989	ug/l	100
5) Bromomethane	2.76	94	128063	40.766	ug/l	99
6) Chloroethane	2.92	64	124310	46.921	ug/l	99
7) Trichlorofluoromethane	3.26	101	223157	46.573	ug/l	100
8) Diethyl Ether	3.68	74	61871	42.229	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	139587	46.774	ug/l	100
10) Methyl Iodide	4.27	142	161631	49.934	ug/l	99
11) Tert butyl alcohol	5.17	59	43020	194.811	ug/l	97
12) 1,1-Dichloroethene	4.04	96	119843	46.555	ug/l	97
13) Acrolein	3.90	56	51871	213.459	ug/l	99
14) Allyl chloride	4.67	41	215208	47.394	ug/l	99
15) Acrylonitrile	5.37	53	136956	214.178	ug/l	98
16) Acetone	4.13	43	161709	248.671	ug/l	96
17) Carbon Disulfide	4.38	76	407428	47.041	ug/l	100
18) Methyl Acetate	4.67	43	60944	40.755	ug/l	94
19) Methyl tert-butyl Ether	5.42	73	290377	42.642	ug/l	98
20) Methylene Chloride	4.92	84	139829	45.187	ug/l	92
21) trans-1,2-Dichloroethene	5.42	96	135534	45.598	ug/l	94
22) Diisopropyl ether	6.31	45	413408	45.813	ug/l	99
23) Vinyl Acetate	6.25	43	1226448	218.407	ug/l	99
24) 1,1-Dichloroethane	6.21	63	242010	46.238	ug/l	99
25) 2-Butanone	7.17	43	191319	212.880	ug/l	100
26) 2,2-Dichloropropane	7.16	77	233430	49.065	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	145128	45.462	ug/l	98
28) Bromochloromethane	7.51	49	98842	45.401	ug/l	99
29) Tetrahydrofuran	7.53	42	114839	202.771	ug/l	99
30) Chloroform	7.67	83	243496	45.187	ug/l	99
31) Cyclohexane	7.95	56	245901	45.755	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	234851	47.226	ug/l	100
36) 1,1-Dichloropropene	8.08	75	205959	50.096	ug/l	99
37) Ethyl Acetate	7.26	43	81034	41.962	ug/l	99
38) Carbon Tetrachloride	8.07	117	214033	50.410	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	254143	51.899	ug/l	99
40) Benzene	8.32	78	549861	50.102	ug/l	99
41) Methacrylonitrile	7.48	41	47916	44.682	ug/l	94
42) 1,2-Dichloroethane	8.40	62	161398	45.553	ug/l	99
43) Isopropyl Acetate	8.42	43	156299	43.457	ug/l	99
44) Trichloroethene	9.09	130	147786	48.045	ug/l	97
45) 1,2-Dichloropropane	9.37	63	132038	48.036	ug/l	98
46) Dibromomethane	9.46	93	69062	46.005	ug/l	99
47) Bromodichloromethane	9.64	83	182541	48.036	ug/l	99
48) Methyl methacrylate	9.43	41	76284	45.550	ug/l	92
49) 1,4-Dioxane	9.45	88	21530	1001.554	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	411265	225.239	ug/l	100
52) Toluene	10.38	92	384330	51.637	ug/l	97
53) t-1,3-Dichloropropene	10.60	75	180570	48.045	ug/l	94
54) cis-1,3-Dichloropropene	10.07	75	211261	48.914	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	93364	45.886	ug/l	98
56) Ethyl methacrylate	10.65	69	120175	47.590	ug/l	98
57) 1,3-Dichloropropane	10.93	76	164086	45.523	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	299856	229.057	ug/l	100
59) 2-Hexanone	10.97	43	311191	242.405	ug/l	100
60) Dibromochloromethane	11.13	129	117692	46.740	ug/l	99
61) 1,2-Dibromoethane	11.23	107	91609	45.927	ug/l	98
64) Tetrachloroethene	10.86	164	139231	51.078	ug/l	98
65) Chlorobenzene	11.66	112	410857	49.939	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	133595	48.632	ug/l	98
67) Ethyl Benzene	11.73	91	773440	52.038	ug/l	99
68) m/p-Xylenes	11.84	106	604408	103.025	ug/l	100
69) o-Xylene	12.17	106	280511	51.389	ug/l	98
70) Styrene	12.18	104	455600	51.587	ug/l	99
71) Bromoform	12.35	173	68374	46.355	ug/l #	98
73) Isopropylbenzene	12.46	105	785796	51.728	ug/l	100
74) N-amyl acetate	12.27	43	173829	48.337	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	110355	46.053	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	80084m	47.782	ug/l	
77) Bromobenzene	12.75	156	171972	49.546	ug/l	99
78) n-propylbenzene	12.80	91	975964	52.158	ug/l	100
79) 2-Chlorotoluene	12.90	91	535939	50.979	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	675966	51.622	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	35835	47.824	ug/l	96
82) 4-Chlorotoluene	12.99	91	565860	50.494	ug/l	100
83) tert-Butylbenzene	13.21	119	578280	52.363	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	679591	51.305	ug/l	100
85) sec-Butylbenzene	13.38	105	848442	51.853	ug/l	99
86) p-Isopropyltoluene	13.50	119	769667	52.582	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	363026	49.767	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	356444	49.446	ug/l	99
89) n-Butylbenzene	13.83	91	735289	52.841	ug/l	99
90) Hexachloroethane	14.10	117	132474	52.475	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	316271	49.142	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	20027	46.925	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	216423	49.793	ug/l	98
94) Hexachlorobutadiene	15.24	225	137898	50.652	ug/l	99
95) Naphthalene	15.37	128	351687	49.430	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	185199	48.457	ug/l	98

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

