

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081219\
 Data File : VW011865.D
 Acq On : 12 Aug 2019 21:43
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/13/2019 2:36:25 PM

Quant Time: Aug 13 09:29:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	196653	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	326674	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	285498	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	136731	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	136320	60.37	ug/l	0.00
Spiked Amount						
			Recovery	=	120.74%	
35) Dibromofluoromethane	7.88	113	108296	59.09	ug/l	0.00
Spiked Amount						
			Recovery	=	118.18%	
50) Toluene-d8	10.32	98	435166	57.99	ug/l	0.00
Spiked Amount						
			Recovery	=	115.98%	
62) 4-Bromofluorobenzene	12.62	95	154475	57.74	ug/l	0.00
Spiked Amount						
			Recovery	=	115.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	57976	52.899	ug/l	99
3) Chloromethane	2.21	50	93285	49.086	ug/l	98
4) Vinyl Chloride	2.36	62	121221	52.981	ug/l	99
5) Bromomethane	2.78	94	66898	52.824	ug/l	95
6) Chloroethane	2.92	64	72652	55.589	ug/l	97
7) Trichlorofluoromethane	3.25	101	62561	61.182	ug/l	99
8) Diethyl Ether	3.68	74	62606	54.000	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	109835	56.624	ug/l	100
10) Methyl Iodide	4.28	142	156654	57.148	ug/l	99
11) Tert butyl alcohol	5.17	59	43095	259.257	ug/l	98
12) 1,1-Dichloroethene	4.04	96	110452	53.930	ug/l	99
13) Acrolein	3.89	56	30030	185.339	ug/l	97
14) Allyl chloride	4.67	41	247583	56.837	ug/l	98
15) Acrylonitrile	5.37	53	162379	280.572	ug/l	100
16) Acetone	4.12	43	158778	221.046	ug/l	98
17) Carbon Disulfide	4.39	76	343889	53.648	ug/l	98
18) Methyl Acetate	4.67	43	90798	56.268	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	185973	57.222	ug/l	98
20) Methylene Chloride	4.92	84	129642	52.332	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	122141	55.317	ug/l	97
22) Diisopropyl ether	6.31	45	467164	56.883	ug/l	100
23) Vinyl Acetate	6.25	43	1448542	280.699	ug/l	99
24) 1,1-Dichloroethane	6.21	63	250476	56.946	ug/l	99
25) 2-Butanone	7.17	43	230509	245.243	ug/l	100
26) 2,2-Dichloropropane	7.17	77	134117	49.581	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	132943	54.706	ug/l	99
28) Bromochloromethane	7.51	49	108726	55.691	ug/l	99
29) Tetrahydrofuran	7.52	42	146778	273.194	ug/l	99
30) Chloroform	7.68	83	227929	56.170	ug/l	97
31) Cyclohexane	7.96	56	220848	52.307	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	180190	58.307	ug/l	99
36) 1,1-Dichloropropene	8.08	75	185633	54.649	ug/l	100
37) Ethyl Acetate	7.26	43	103843	53.136	ug/l	98
38) Carbon Tetrachloride	8.07	117	161738	55.620	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	205686	54.992	ug/l	98
40) Benzene	8.32	78	516825	54.319	ug/l	99
41) Methacrylonitrile	7.48	41	63195	54.095	ug/l	96
42) 1,2-Dichloroethane	8.40	62	163861	55.007	ug/l	100
43) Isopropyl Acetate	8.43	43	194858	54.217	ug/l	100
44) Trichloroethene	9.09	130	123018	53.794	ug/l	100
45) 1,2-Dichloropropane	9.37	63	142042	55.794	ug/l	100
46) Dibromomethane	9.46	93	63479	54.631	ug/l	99
47) Bromodichloromethane	9.65	83	171364	56.223	ug/l	99
48) Methyl methacrylate	9.43	41	95493	55.312	ug/l	98
49) 1,4-Dioxane	9.45	88	20763	1234.104	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	504549	269.892	ug/l	99
52) Toluene	10.39	92	313766	54.607	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	174978	54.957	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	208515	55.080	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	89204	54.108	ug/l	98
56) Ethyl methacrylate	10.65	69	132512	54.928	ug/l	99
57) 1,3-Dichloropropane	10.93	76	171730	55.058	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	344805	314.785	ug/l	100
59) 2-Hexanone	10.97	43	342439	259.433	ug/l	100
60) Dibromochloromethane	11.13	129	103120	56.349	ug/l	99
61) 1,2-Dibromoethane	11.24	107	84124	53.920	ug/l	100
64) Tetrachloroethene	10.86	164	101985	54.863	ug/l	97
65) Chlorobenzene	11.66	112	312416	54.429	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	113398	56.718	ug/l	99
67) Ethyl Benzene	11.73	91	607591	55.580	ug/l	99
68) m/p-Xylenes	11.84	106	438651	110.337	ug/l	99
69) o-Xylene	12.16	106	205226	55.552	ug/l	98
70) Styrene	12.18	104	361151	56.540	ug/l	99
71) Bromoform	12.35	173	57534	56.440	ug/l #	98
73) Isopropylbenzene	12.46	105	566657	55.552	ug/l	100
74) N-amyl acetate	12.27	43	177399	55.550	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	105972	55.231	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	75935m	52.486	ug/l	
77) Bromobenzene	12.75	156	124703	55.310	ug/l	99
78) n-propylbenzene	12.80	91	700736	56.447	ug/l	99
79) 2-Chlorotoluene	12.89	91	399695	55.888	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	483082	56.497	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	33874	53.960	ug/l	97
82) 4-Chlorotoluene	12.99	91	409626	54.590	ug/l	99
83) tert-Butylbenzene	13.21	119	407667	57.014	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	483982	56.189	ug/l	99
85) sec-Butylbenzene	13.38	105	580851	56.932	ug/l	100
86) p-Isopropyltoluene	13.50	119	520093	56.184	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	240830	54.477	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	235845	53.630	ug/l	99
89) n-Butylbenzene	13.82	91	515300	55.781	ug/l	99
90) Hexachloroethane	14.09	117	94525	57.746	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	214816	54.940	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	18889	57.731	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	148721	53.970	ug/l	100
94) Hexachlorobutadiene	15.24	225	95638	55.653	ug/l	96
95) Naphthalene	15.37	128	276354	51.147	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	130664	54.094	ug/l	98

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

