

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091719\
 Data File : VY000054.D
 Acq On : 17 Sep 2019 11:42
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 9/19/2019 1:29:34 AM

Quant Time: Sep 17 12:19:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 12:06:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	110273	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	210795	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	180408	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	79334	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	58623	49.59	ug/l	0.00
Spiked Amount			Recovery	=	99.18%	
35) Dibromofluoromethane	7.71	113	59738	49.22	ug/l	0.00
Spiked Amount			Recovery	=	98.44%	
50) Toluene-d8	10.18	98	242880	50.05	ug/l	0.00
Spiked Amount			Recovery	=	100.10%	
62) 4-Bromofluorobenzene	12.48	95	83206	47.28	ug/l	0.00
Spiked Amount			Recovery	=	94.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	41007	49.969	ug/l	100
3) Chloromethane	2.11	50	52724	39.901	ug/l	100
4) Vinyl Chloride	2.25	62	58675	47.726	ug/l	100
5) Bromomethane	2.64	94	38927	49.164	ug/l	100
6) Chloroethane	2.78	64	40057	48.749	ug/l	100
7) Trichlorofluoromethane	3.12	101	84437	52.010	ug/l	100
8) Diethyl Ether	3.53	74	36951	55.065	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.89	101	59896	54.052	ug/l	100
10) Methyl Iodide	4.09	142	66595	55.269	ug/l	100
11) Tert butyl alcohol	4.96	59	40335	264.649	ug/l	100
12) 1,1-Dichloroethene	3.87	96	53887	52.412	ug/l	100
13) Acrolein	3.73	56	16990	157.653	ug/l	100
14) Allyl chloride	4.48	41	83332	52.170	ug/l	100
15) Acrylonitrile	5.17	53	114523	270.957	ug/l	100
16) Acetone	3.95	43	79917	244.489	ug/l	100
17) Carbon Disulfide	4.18	76	100952	48.772	ug/l	100
18) Methyl Acetate	4.48	43	47712	50.884	ug/l	100
19) Methyl tert-butyl Ether	5.22	73	178355	56.581	ug/l	100
20) Methylene Chloride	4.71	84	67741	50.670	ug/l	100
21) trans-1,2-Dichloroethene	5.21	96	60055	52.478	ug/l	100
22) Diisopropyl ether	6.12	45	191453	54.033	ug/l	100
23) Vinyl Acetate	6.06	43	655150	268.437	ug/l	100
24) 1,1-Dichloroethane	6.03	63	113735	54.043	ug/l	100
25) 2-Butanone	6.99	43	140926	261.866	ug/l	100
26) 2,2-Dichloropropane	6.98	77	99197	51.077	ug/l	100
27) cis-1,2-Dichloroethene	6.98	96	76378	53.124	ug/l	100
28) Bromochloromethane	7.34	49	51395	54.252	ug/l	100
29) Tetrahydrofuran	7.35	42	84304	262.544	ug/l	100
30) Chloroform	7.51	83	118523	54.492	ug/l	100
31) Cyclohexane	7.78	56	81657	47.122	ug/l	100
32) 1,1,1-Trichloroethane	7.70	97	93398	52.774	ug/l	100
36) 1,1-Dichloropropene	7.92	75	80446	51.501	ug/l	100
37) Ethyl Acetate	7.08	43	56179	53.133	ug/l	100
38) Carbon Tetrachloride	7.90	117	78559	53.211	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	99000	51.103	ug/l	100
40) Benzene	8.16	78	268344	52.410	ug/l	100
41) Methacrylonitrile	7.32	41	33453m	54.840	ug/l	
42) 1,2-Dichloroethane	8.24	62	70945	53.996	ug/l	100
43) Isopropyl Acetate	8.28	43	109305	53.235	ug/l	100
44) Trichloroethene	8.94	130	67713	53.044	ug/l	100
45) 1,2-Dichloropropane	9.22	63	70138	53.243	ug/l	100
46) Dibromomethane	9.31	93	38258	52.257	ug/l	100
47) Bromodichloromethane	9.50	83	92583	52.997	ug/l	100
48) Methyl methacrylate	9.29	41	48516	53.398	ug/l	100
49) 1,4-Dioxane	9.30	88	15384	1002.655	ug/l	100
51) 4-Methyl-2-Pentanone	10.07	43	302707	264.427	ug/l	100
52) Toluene	10.24	92	168542	52.468	ug/l	100
53) t-1,3-Dichloropropene	10.46	75	98818	53.730	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	114178	53.207	ug/l	100
55) 1,1,2-Trichloroethane	10.65	97	63231	54.195	ug/l	100
56) Ethyl methacrylate	10.51	69	88671	54.245	ug/l	100
57) 1,3-Dichloropropane	10.79	76	99205	53.332	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	235421	269.475	ug/l	100
59) 2-Hexanone	10.84	43	225224	271.863	ug/l	100
60) Dibromochloromethane	10.98	129	64990	53.294	ug/l	100
61) 1,2-Dibromoethane	11.09	107	56019	54.472	ug/l	100
64) Tetrachloroethene	10.72	164	59119	52.794	ug/l	100
65) Chlorobenzene	11.51	112	189717	54.445	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	66010	54.505	ug/l	100
67) Ethyl Benzene	11.59	91	336704	53.171	ug/l	100
68) m/p-Xylenes	11.70	106	258034	107.828	ug/l	100
69) o-Xylene	12.03	106	124292	52.982	ug/l	100
70) Styrene	12.04	104	221383	54.259	ug/l	100
71) Bromoform	12.21	173	38440	52.916	ug/l #	100
73) Isopropylbenzene	12.33	105	331187	53.567	ug/l	100
74) N-amyl acetate	12.14	43	98577	54.338	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	79512	53.970	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	60281m	54.708	ug/l	
77) Bromobenzene	12.60	156	69809	53.746	ug/l	100
78) n-propylbenzene	12.67	91	406635	53.804	ug/l	100
79) 2-Chlorotoluene	12.76	91	225744	53.443	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	276260	53.695	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	30372	53.855	ug/l	100
82) 4-Chlorotoluene	12.85	91	236171	53.394	ug/l	100
83) tert-Butylbenzene	13.07	119	237483	53.646	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	276266	54.250	ug/l	100
85) sec-Butylbenzene	13.25	105	349652	53.543	ug/l	100
86) p-Isopropyltoluene	13.37	119	301795	54.326	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	139643	53.223	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	141878	53.855	ug/l	100
89) n-Butylbenzene	13.69	91	310298	55.077	ug/l	100
90) Hexachloroethane	13.96	117	60635	54.758	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	128721	52.864	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.35	75	14428	50.574	ug/l	100

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93) 1,2,4-Trichlorobenzene	15.00	180	81055	52.138	ug/l	100
94) Hexachlorobutadiene	15.10	225	38472	53.900	ug/l	100
95) Naphthalene	15.23	128	224933	53.039	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	75526	54.133	ug/l	100

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

